

Draft agenda DOCUMENT 1

33rd Annual Business Meeting of the Academia Europaea members (physical meeting) at the PRBB [Barcelona Biomedical Research Park] - C/ Doctor Aiguader, 88.

08003 [maplink]

OPEN TO ALL MEMBERS OF THE ACADEMIA EUROPAEA NO REGISTRATION NEEDED

The AGM will also be available virtually

21st October, 2021 09:30am (Spanish time) - 10:45am

From 22 September. ALL DOCUMENTS CAN BE FOUND here: https://www.ae-info.org/ae/Acad_Main/Annual_Business_Meetings (no passwords needed)

A series of membership wide ballots on the motions below will be held online from $4^{th} - 8^{th}$ October.

(NOTE: an agenda and documents pack will be available at the door of the meeting room for any physical attendees).

In the chair: The President – Professor. Dr. Sierd Cloetingh (Utrecht)

- Welcome, adoption of the draft agenda (members present) Document 1
- 2. To adopt the note of the outcome of the online ballots held in 2020. [Document 2]

Transaction of Ordinary Business

- Reports (covering the past 12 months and going forward): QUESTIONS ARE INVITED
- 3.1 President Sierd Cloetingh. 2020 Trustees (Activity) report, highlights and future plans

Report of the online ballot of members, to the Motion: "That the AGM adopt the 2020 Trustees report" [DOCUMENT 3.1]

• 3.2 Finance – Professor Oskar Mencer (pro tem Treasurer) a summary report has been tabled in advance and the 2020 accounts made available online.

Report on the outcome of the online ballot of members, to the motion: "That members adopt the 2020 accounts". [DOCUMENT 3.2]

3.2. 1 Report on the outcome of the online ballot of members to the Motion: "That members agree to re-appoint the Examiners: Messrs Keith Vaudrey and Co. Ltd, London".

3.2.2 Annual members' financial contribution for 2022

Report of the outcome of the online ballot of members to the Motion: "The Members are asked to approve the trustees recommendation, for an annual, [voluntary] contribution based on an age – related scale, and effective from January 1st 2022. As follows:

Ordinary members

Members up to and including 65 years of age: 150 Euro

Members 66 - 75 years of age: 95 Euro

Foreign members: 95 Euro

The Academia Europaea is a Company limited by Guarantee registered in the UK (07028223) and a registered not-for-profit Charity (1133902). Registered office: Room 251, Senate House, Malet Street. London WC1E 7HU. Tel: +44(0)2078625784. Website: www.ae-info.org

Members over 75: Voluntary donations are welcomed but they are optional.

The Members are asked to approve an establishment fee for all new (2022) members of 150 Euros, irrespective of age at the time of their acceptance of membership.'

- 4. Board of trustees information (to note only)
 - 4.1 The following trustees leave the Board at the end of 2021:

Alex Verkhratsky – Class C (Life Sciences) Chair (co-opted)

Theo D'haen – Editor –in-chief of the European Review (co-opted)

The current, elected Vice President - Professor Genoveva Marti steps down at the end of the year. A call for nominations for election of a Vice President (Officer) of the Academia Europaea will be made in the first quarter of 2022

The current (pro tem) Hon.Treasurer - Dr Oskar Mencer was co-opted in late 2019, following the resignation of Prof. Milutinovic. A call for nominations and a ballot of members will be held in 2022 to formally elect a Treasurer.

Don Dingwell retires as Class B (Exact and physical Sciences) but remains on the Board as a co--opted member (Academic Director of the Munich Hub).

A review of the Board composition will take place in 2022.

Other Business

- 4.3 Report on the AE engagement in the SAPEA (horizon2020) project Professor Petersen
- 4.4 The President elect Professor Marja Makarow statement to members

Closing remarks (Professor Cloeting)	n)

NOTES:

Trustee (Activity) 2020 report and annual accounts documents at:

AE Statutes and regulations can be found at: http://www.ae-info.org/ae/Acad Main/About us/Governance

AE Section chairs and committees at: http://www.ae-info.org/ae/Acad Main/About us/Academic Management

Regional Knowledge Hub websites;

Barcelona http://barcelona.acadeuro.org/ Bergen https://aebergen.w.uib.no/ https://www.ae-info.org/ae/Acad_Main/Budapest_Knowledge_Hub Budapest Cardiff http://aecardiffknowledgehub.wales/ Wroclaw http://acadeuro.wroclaw.pl/ Tbilisi

https://www.aetbilisihub.org/ Munich

Corpo	orate website:	www.ae-info.org

The Executive Secretary.

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NOTE describing action taken by the Board of trustees in 2020 in lieu of a formal AGM, because of the COVID-19 Pandemic.

The 32nd Annual Business Meeting 2020 (AGM) was cancelled

The Board of trustees obtained approval of the membership to suspend the 2020 AGM due to COVID-19 restrictions. This was done via an electronic ballot.

In order to conduct as much normal business as possible in the absence of a physical AGM, all members had been given advance, notice of the ballots by email (on 21st September), stating the reasons for the ballots and the timetable and sequence as follows:

A. Vote number 1: was a request to approve a proposal to suspend the need for a physical AGM for this year only. Our statutes (see the footnote) need a decision to be taken by elective resolution of members. This had to be done before any other substantive ballots can be taken.

- B. Vote number 2. The Board invited members to votes to approve some normal items of AGM business:
- a. A proposal from the Board to adopt the annual accounts for the year ended 31 December 2019
- b. A proposal to adopt the trustees (activity) report for 2019 c. A proposal to re-appoint the auditors
- d. A proposal to set the annual membership fees for 2021

C. Vote number 3. In view of the exceptional times we are all experiencing, the Board have decided to invite the current President Sierd Cloetingh, to remain in post until the end of 2021. This would facilitate a smooth transition to the new incoming President. We are in uncharted territory and there is no provision in statues or regulations for this, but the Board will hope that you the members will understand the need to ensure continuity at this time and hope that you will vote to approve a proposal for this action.

These ballots were open for voting from 26 September to 3 October.

A fourth ballot had been pre-announced for the new President of the Academia Europaea.

MOTION WAS: Following an intensive scrutiny process, the Board adopted the recommendation of the independent search group and are pleased to propose XXXXXXXXXXXXX for your approval.

The incoming President will serve as a 'President-elect' from January 2021, and will assume the Presidency at the AGM of 2021 (October). The President will serve for an initial term of three years.

This ballot was open from 6 October to 12 October

The outcomes from all of these ballots were:

Motion to suspend the AGM of 2020 - adopted

Motion to adopt the accounts for the year ending 31 December 2019 - approved

Motion to adopt the trustee's activity report for the year ending 31 December 2019 - approved

Motion to re-appoint the auditors (examiners) - approved

Motion to set the level of membership fees for the year 2021 (at the 2020 level) - adopted

Motion to extend, exceptionally, the term of the Current President (Professor Cloetingh) to the end of 2021 – motion approved

Motion to accept the recommendation of the trustees to elect XXXX as the new President of the Academia Europaea. - approved

This last motion resulted in Professor Marja Makarow being confirmed as the next President of the Academia Europaea. Professor Makarow was invited to join the Board of trustees on 1st January 2021 - as President elect. (However, it should be noted that the AE has no statutory provision for the position of, appointment of, or role for a President elect. This action was taken as a pragmatic exception in response to the COVID -19 pandemic disruptions).

It was hoped that a pared back physical AGM might held in Barcelona on 21 October 2021. A number of items of ordinary business may be handled in advance, via electronic ballots of the membership.

Executive Secretary November 2020

Note adopted by member ballot on 21st October 2021

Signed Sierd Cloetingh, President

2021 Annual Business Meeting of members – 21st October, Barcelona **DOCUMENT 3.1**

ANNUAL TRUSTEE (activity) REPORT without individual Knowledge Hub Reports

FOR 2020



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Email: admin@acadeuro.org Web: http://www.ae-info.org

Company limited by Guarantee and registered at Companies House. Registration number 07028223

Registered with the Charity Commission, registration number

1133902

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Reports of the activity of the AE Knowledge Hubs for 2020 are available. They are large files and are available to download from www.ae-info.org or, on request from the individual Hub offices, or online at the following URLs;

Barcelona Hub at:

Bergen Hub at: Cardiff Hub at:

http://barcelona.acadeuro.org/ https://aebergen.w.uib.no/annual-reports/ http://aecardiffknowledgehub.wales/about-us/documents/

Wroclaw Hub at: http://acadeuro.wroclaw.pl/ Tbilisi Hub at: https://www.aetbilisihub.org

Munich Hub NA **Budapest Hub** NA

Section 1: Governance

President elect (from Jan 2021)

THE TRUSTEES, AND COUNCIL OF THE ACADEMIA EUROPAEA

Board of TRUSTEES (at 31 December 2020)

Officers

President: Professor Sierd Cloetingh

2021)

Utrecht, (extended by member decision to end

Vice President: Professor Genoveva Marti Barcelona, (to end 2021)

Hon. Treasurer: Professor V Milutinovic Montenegro, (resigned in 2020) London, (appointed pro tem 2020)

Dr Oskar Mencer

Co-opted Members: Professor Ole Petersen Cardiff (till end 2022)

Professor Theo D'haen Leuven, (till end 2021) Professor Eva Kondorosi Budapest. (till end 2023) Professor Don Dingwell Munich, (till end 2021) Professor Poul Holm Dublin, (to end 2022) Professor Alex Verkhratsky Professor Bjorn Wittrock

Manchester, (till end 2021) Uppsala, (till end 2022)

Appointed by Council: Professor Kirsten Drotner (to end 2020) (to end 2020) (to end 2020)

Professor Dagmar Coester-Waltjen Professor Alain Peyraube

Professor Marja Makarow

In spring of this year, the UK went into COVID-19 lockdown, as did much of Europe. As a result, AE planned physical meetings were cancelled. This included the AGM (see below). In order to maintain some continuity during the COVID crisis period, approval was sought through an electronic ballot of all members, to suspend the AGM for 2020. Ballots were also held to extend the term of the President to the end of 2021. An electronic ballot of all members was carried out in 2020 for a new President and Professor Marja Makarow (Finland) was elected. It was agreed that she would assume office after the end of the COVID crisis and no later than January 2022. Other changes to the board of trustees would continue as scheduled. An election for a replacement treasurer and VP (officio) would take place in 2022.

The list of Section chairs, as at 31 December 2020, is at annex 2 of this report. Professors Peyraube, Drotner and Coester were appointed by the (old) Council to the board of trustees, with effect from January 2017. They stepped down at the end of 2020. Prof. D'haen is the Editor-in-Chief of the European Review. He will step down at the end of 2021. During the year, the treasurer resigned and the Board co-opted temporarily Dr Mencer. Due to COVID, a formal election will be held when some normality returns in 2022. Class chairs are members of the board of trustees. At the end of 2020 they were;

Class A1 - Humanities and Arts - Chair Professor Poul Holm (Trustee), VP ex o

Class A2 - Social and Related Sciences - Chair Professor Bjorn Wittrock (Trustee) VP ex o

Class B - Exact Sciences - Professor Don Dingwell (Trustee), VP ex o

Class C - Life Sciences - Professor Alex Verkhratsky Board member VP ex o

The composition of the Board and 'Council' as at 31st December 2020 is at annex 2. The Council is described in the articles as an advisory body to the trustees. Since the creation of the Class system, the single Council now effectively operates through the Class configurations. The Classes and their component Sections each CONSTITUTE ONE PART OF THE ADVISORY COUNCIL. The Class chairs are de facto, the representatives of the Sections on the Board of trustees. The trustees did consult electronically throughout the year with their sectoral 'Council members' on specific issues in the Class configuration. Class committees (comprising the Chairs of the Section committees) have been assigned responsibility for the management of the nominations and selection process for new members and will increasingly be responsible for delivery of activity programmes as envisaged by the Strategic Plan 2019 – 2024. In view of this re-orientation of responsibility and the fact that the Classes now fulfil the role of a plenary Council, but in a more efficient way, the trustees will review the Regulations to better reflect the new working structure.

During 2020 there was no activity assigned to the wholly owned subsidiary company in Bergen Norway, operating under the Bergen Knowledge Hub. The CEO appointed by the Board, was Professor Eystein Jansen (the current Bergen Hub Academic Director) and the other Director is the AE Executive Secretary – Dr David Coates.

London General Secretariat

Executive Secretary: Dr David Coates
Senior Administrator: Dr David Coates
Ms Teresa McGovern

Accounts and payroll: Outsourced to Keith Vaudrey & Co.

Membership Secretary: Function partially provided by the Wroclaw Hub office

Membership administration and database outsourced: Technical University of Graz. Contact is Ms Dana Kaiser

The Executive Secretary is the Company Secretary, with responsibility for day-to-day operations of the AE and the London office; oversight of the regional hubs and the Bergen AE company and provides secretariat support to the Board and other subcommittees.

The company and charity registered office is at Room 251, Senate House, University of London, Malet Street. London WC1E 7HU

Regional Knowledge Hubs

Barcelona Hub (http://barcelona.acadeuro.org/) Academic Director: Professor Ricard Guerrero.

Hub manager: Ms Kimberley Katte

Bergen Hub (https://aebergen.w.uib.no/)
Academic Director: Professor Eystein Jansen

Hub manager: Ms Kristen Hansen

Budapest Hub (established in 2020) https://www.ae-info.org/ae/Acad_Main/Budapest_Knowledge_Hub

Academic Director: Professor Laszlo Lovasz

Hub Manager: Dr Gergely Bohm

Cardiff Hub (www.aecardiffknowledgehub.wales/)

Academic Director: Professor Ole Petersen.

Hub Manager: Ms Louise Edwards, Science Policy: Dr Mildred Foster Office manager: Ms Juliet Davies

Graz data Centre. Responsible (under contract) for delivery, support, development and content management of the AE corporate website (www.ae-info.org) and the membership database. The data centre team include: (Director) Professor Frank Kappe, Project Manager H. Leitner, M.Sc., Chief Programmer Robert Hoffmann and Main Editorial Management Dana Kaiser, M.A.

Munich Hub. (Established in 2020)

Academic Director: Professor Don Dingwell (trustee)

Hub manager:

Tbilisi Hub. (https://www.aetbilisihub.org/) Academic Director: Professor David Prangishvili

Hub manager: Ms Maia Matchavariani

Wroclaw Knowledge Hub (www.acadeuro.wroclaw.pl/)

Academic Director: Professor Arkadius Wojz Hub manager: Ms Kasia Majkowska Hub assistant: Adam Żygadło

Examiner of Accounts Principal Bankers Solicitors

Keith Vaudrey & Co
Chartered Certified Accountants
58 Kensington Church Street
London W8 4DB

NatWest Bank Plc
PO Box 2AG
Shakespeare House
42, Newmarket Road
London W1A 2AG
Cambridge. CB5 8EP

Note: The legal and administrative information in the report and financial statements forms a part of the Trustee's report.

Section 2: The structure and mission of the Academia Europaea

Prior to 2010 the Academia Europaea operated under a Deed of Trust and was registered as a Charity with the Charity Commission of England and Wales (former registration number 1001978).

On 23 September, 2009: the Academia Europaea was incorporated as a Company limited by Guarantee and was registered at Companies House (number 07028223). See: https://beta.companieshouse.gov.uk/company/07028223.

The Company was also registered as a not-for-profit charity (registration number 1133902,

see

http://apps.charitycommission.gov.uk/Showcharity/RegisterOfCharities/CharityWithoutPartB.aspx?RegisteredCharityNumber=1133 902&SubsidiaryNumber=0

Governance and management

The affairs of the Academia Europaea are managed by a Board of Trustees (The Board). There is an advisory Council and other operational sub-committees that are described in annex 1. Elections and appointments to the Board and to the Council are as described in the regulations. These can also be found on the corporate website at www.ae-info.org.

The officers of the Academia (President, Vice President(s) and Honorary Treasurer) are elected by members. Other Trustees are co-opted directly by the Board. The AGM confirms these appointments in accordance with the regulations. The Vice Presidents (ex officio) are recommended by the President and appointed by the Board of Trustees for a period as defined in the Regulations.

Training and induction of new Trustees

New Trustees are provided with a copy of the statutes and regulations; governance documents and sets of minutes of the past year Trustees also receive copies of documents describing the role and responsibilities of Directors and Trustees and links to the appropriate Charity Commission and Company House websites.

The mission of the Academia Europaea

The Academia Europaea is an international, non-governmental association of individual scientists and scholars, who are experts and leaders in their own subject areas as recognised by their peers.

The Academia will:

Promote European scholarship and research and increase the wider appreciation of its value and importance Make recommendations to national governments and international agencies concerning matters affecting science, scholarship and academic life in Europe.

Encourage interdisciplinary and international research in all areas of learning, particularly in relation to European issues. Identify topics of trans-European importance to science and scholarship, and propose appropriate action to ensure that these issues are adequately studied.

The Academia will endeavour to:

Encourage the highest possible standards in scholarship, research and education.

Promote a better understanding among the public at large of the benefits of knowledge and learning, and of scientific and scholarly issues, which affect society, its quality of life and its standards of living.

Charitable objectives:

The advancement and propagation of excellence in scholarship in the humanities, law, the economic, social and political sciences, mathematics, medicine, and all branches of natural and technological sciences anywhere in the world for the public benefit and for the advancement of the education of the public of all ages in the aforesaid subjects in Europe.

Section 3: Trustees' report for the period ended 31 December 2020

The trustees would like to thank all of the organisations that have sustained the Academia through their generous general financial sponsorships in particular the authorities supporting the Barcelona Knowledge Hub and the German National Academy of Sciences (Leopoldina) - a Patron member of the Academia Europaea, and those other foundations and organisations that have contributed to specific events and activities of the Academia during the period of this report. These organisations are identified in various places within this report and in the separate accounts and have been identified within the various 'reports to members' of events held during the current period, where appropriate. The Trustees have been active in their engagement in the affairs of the Academia and a majority have attended every Board meeting. Trustees have been active in monitoring the affairs of the Academy. The Trustees wish to express their gratitude to the elected officers of the Academy for their hard work on behalf of the membership, in particular to thank Ole Petersen for his varied service and also in his capacity as senior VP (ex o) in representing the AE in external project boards and meetings, including in the SAPEA project.

This reporting period was carried out against the background of the global COVID-19 pandemic. All meetings and events were postponed and the 2020 AGM and annual conference cancelled. The London office was locked down for a period of months and the Executive Secretary continued to work remotely and from summer physically at the office premises where necessary. The office

manager was put into the UK government furlough scheme during the compulsory lockdown period. Furlough continued part-time for the whole of 2020. The AE received financial compensation from the government during this time. Despite this, the AE continued to operate its member nomination and election process and this provided additional income from new members during 2020. The lack of sponsored events also contributed positively to the financial position of the AE for the year. A valuable increase in member donations had been received over the year. SAPEA activity continued virtually (see later report). The European Review continued to be published and generated some royalty income. The net result as expressed in the annual accounts for 2020 was an unrestricted funds reserves carried forward to 2021 of £138,569

A new Finance and Sponsorship sub-committee has been set up to explore new sources of support. The trustees wish to record their thanks specifically the Technical University of Graz for their dedicated I.T. and corporate web suppor and Professor Balazs Gulyas for his management of the Erasmus Medal.

The trustees are pleased to report that in 2020, inter – organisational links were further strengthened with a number of European federation organisations (ALLEA, FEAM, EASAC and euroCASE) and the Horizon 2020 Policy project – SAPEA continued successfully. The project (SAPEA) is described in detail in the report. The President and other trustees engaged in a number of specific activities that responded to policy issues across Europe. Two new Hubs, [in Munich and Budapest] were launched in line with the strategic plan. Each of the seven Regional Knowledge Hubs has its own distinct mission and identity. The Trustees continue to recognise the immense support provided by the sponsors for these Hubs that are not reliant on core financial support from central funds for their day-to-day operations.

The trustees are pleased to report a further widening of the membership of the Academia Europaea with the admission in 2020 of 352 scholars. The trustees also continued to support the further development of the Young Academy of Europe, in recognition of the AE mission to promote young researchers.

The AE has a membership of individuals drawn from the whole continent of Europe and from beyond Europe. The Trustees consider that following the completion of the BREXIT process, the risks to the continuation of the Academia as a UK registered and domiciled charity to be negligible at this time. The situation will be kept under review and any necessary steps will be taken to ensure a continuation, including any future changes in jurisdiction, if needed. The UK government confirmed during the year that UK institutions would be eligible to be beneficiaries in the new Horizon Europe programme as the UK would be fully associated with that instrument. The AE will be a partner in a future SAPEA (plus) project consortium, funded by the European Union and will therefore continue to play a role in Science Advice for European Public Policy.

The Trustees place on record, their belief that at the time of compilation of this report, there are no additional or unforeseen risks that may place the continuation of the charity in jeopardy. The AE and the Hubs have separately and in response to local and national instructions, put into place plans for a continuation of AE business during the COVID emergency. Some activities have been cancelled or postponed as necessary and essential continues through other technological channels.

Public benefit statement

Over the year the Academia has published articles and papers in commercial journals; organised limited numbers of virtual academic meetings across the continent that are open to young scholars and to the interested public in all areas of operation. The Academia has provided prizes and awards to support and recognise researchers in pursuit of their scholarship. To enhance the accessibility of the European scholarly community to the public, the Academia has maintained and enhanced its Web portal and those of the regional knowledge hubs and has contributed to the betterment of European Policy through participation in providing expert, impartial advice to authorities and governmental organisations and has supported the Young Academy of Europe. A full description of all of the main activities is included elsewhere in this report.

The trustees have consulted the guidance made by the Charity Commission for England and Wales on the Public Benefit requirement of the charities Act 2011. The Trustees are confident that they have complied with their duty under section 4 of the Charities Act 2011 in that they have had a due regard to public benefit guidance published by the Commission.

Future Plans

In the coming year the trustees will try to continue to deliver the mission of the Academia through the running of appropriate workshops, publications and related activities. These will be subject to any limitations that the ongoing COVID-19 pandemic dictates. The trustees will explore new opportunities to expand the network of regional Hubs and also seek alternative models of financing and support for provision of communications infrastructure. The Young Academy of Europe will continue to be supported, specifically to provide a focus to engage with and support young researchers from across the UK and Europe, who are embarking on an academic and research career. The AE engagement in European Science policy advice will be strengthened through taking a lead on topics within the Science Advice Policy project (SAPEA and from 2022 the new SAPEA PLUS) funded by the European Commission and the trustees will endeavour to find additional core funding and sponsorship sources for activity. The Trustees will especially focus on ensuring that its UK based membership and researchers in general can continue to be fully engaged with their international colleagues during the period of negotiation of the UK exit from the European Union and afterwards. To reflect the growth in the AE, resources will be allocated to recruit/and/or outsource a communications officer (part-time). Other support will be secured on an ad hoc basis to meet workload demands, wherever necessary, including by buying time of Hub staff or temporary recruitment.

Section 4: Centrally co-ordinated activities during the period, 1 January 2020 - 31 December 2020

The 2020 annual Building Bridges conference of members scheduled for October in Barcelona was cancelled due to COVID-19. The event will be held 20 – 21 October 2021.



The 2020 Academia Europaea Erasmus Medal was awarded to the renowned international Physicist and Mathematician Roger Penrose

However, due to COVID-19, the 2020 event was cancelled and the award will be made at the 2021 Annual conference in Barcelona on 20th October. Professor Penrose will also deliver the Heinz-Nixdorf Erasmus Lecture at that time.



The Erasmus Medal of the Academia Europaea is awarded on the recommendation of an independent search committee, to a member who has maintained over a sustained period, the highest level of international scholarship and recognition by peers.

Erasmus Lecture title: "Upside-Down: Revolutions in Physics, Old and New"

Abstract: The Copernican revolution tuned upside-own the prevailing view about the motions of the Earth and Sun. But it took Galileo's dynamical understandings to explain why we do not feel the Earth's motion, as in a carriage drawn by rapidly moving horses. The work of Kepler and Newton further refined this dynamics, but the speed of light, as explained by Maxwell's 19th century electromagnetism, seemed to pose a paradox that has only finally been resolved in the 20th century by Einstein's special and general theories of relativity. This latter theory (GR), has of itself led to the seeming catastrophe of singularities in large-scale gravitational collapse.

That same century gave us quantum mechanics (QM) for the physics of the small. A common view, is that, when correctly applied to GR, singularities would not arise. However, there are strong reasons to x-expect that this cannot suffice, and should be turned upside down, for GR to resolve inherent problems in QM, again turning upside down current viewpoints relating quantum measurement to conscious experience.

Bio for Roger Penrose

AFFILIATION: Professor (emeritus) of Mathematics at the University of Oxford, UK.

LINK TO WEBPAGE: https://penroseinstitute.com/about/roger-penrose/

Citation:

Roger Penrose has conducted outstanding research in pure mathematics and theoretical physics for more than 60 years. He is most widely acclaimed for his work on singularities, such as black holes, which he proved could arise from the gravitational collapse of massive, dying stars. He has also made important contributions that explore possible connections between physics and consciousness, and set these out in best-selling books such as The Emperor's New Mind (1989).

Roger Penrose revolutionised the mathematical tools that we use to analyse the properties of spacetime. Previously, work on the curved geometry of general relativity had been confined to configurations with sufficiently high symmetry for Einstein's equations to be soluble explicitly, and by investigating small perturbations away from their symmetry. His more radical approach instead concentrated just on the topology of the space, or at most its conformal structure, since it is the latter — as determined by the lay of the lightcones — that determines the trajectories of lightlike geodesics, and hence their causal relationships. The importance of Penrose's epoch-making paper "Gravitational collapse and space-time singularities" was not only its result (roughly that if an object such as a dying star implodes beyond a certain point, then nothing can prevent the gravitational field getting so strong as to form some kind of singularity). It also showed a way to obtain similarly general conclusions in other contexts, notably that of the cosmological Big Bang, which he dealt with in collaboration with Stephen Hawking.

Roger invented twistor theory, a key tool in quantum theory. He proposed the cosmic censorship hypothesis — an idea of how the effects of the unpredictability of singularities are 'hidden' from us. Even his recreations have been creative: his discovery of a non-periodic form of tiling — Penrose tiling — has since been observed experimentally in quasicrystals.

He has (with the possible exception of Hawking, for whom he was a mentor and collaborator) done more than anyone since Einstein, to deepen our understanding of space, time, and gravity. Moreover, alongside these 'core' efforts he has, throughout his long career, displayed exceptionally wide-ranging originality and intellectual energy; through his books and lectures, he has been an immense cultural stimulus. He has already received many honours, but his wide-ranging and sustained career has the breadth and impact that renders him an especially distinguished recipient of the Erasmus Medal

Other Bios:

https://biography.yourdictionary.com/roger-penrose

https://en.wikipedia.org/wiki/Roger_Penrose

The Erasmus lecture is sponsored by the

Heinz Nixdorf Stiftung

Further information about the Heinz-Nixdorf Stiftung: http://www.heinz-nixdorf-stiftung.de

Section 5: Academia Europaea outreach.

The Regional Knowledge Hubs

They organise and deliver a wide range of activities that deliver a wider public benefit in line with our charitable objectives. These activities are described in detail in the individual Hub reports (see annexes).

AE engagement in European research policy and scientific expert advice to policymakers for general public policy (science into policy)

SAPEA – Scientific Advice for general European Policy (not policy for research)







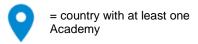




SAPEA: Science Advice for Policy by European Academies

- Spanning the disciplines of engineering, humanities, medicine, natural sciences and social sciences, SAPEA brings
 together the outstanding knowledge and expertise of Fellows from over 100 Academies, Young Academies and Learned
 Societies in more than 40 countries across Europe
- SAPEA is part of the <u>European Scientific Advice Mechanism</u> (SAM) which provides independent, interdisciplinary and evidence-based scientific advice on policy issues to the European Commission, working closely with the <u>SAM High Level</u> <u>Group of Scientific Advisors</u>
- The project is funded through a grant from the EU's Horizon 2020 programme. It runs from November 2016-the end of 2021.





Academies' independence, academic expertise and convening power make them a critical source of evidence for policymakers and the wider public, providing an unbiased, balanced and transparent perspective. Academies within SAPEA are members of one or more of the European Academy Networks: <u>Academia Europaea</u>, <u>ALLEA</u>, <u>EASAC</u>, <u>Euro-CASE</u> and <u>FEAM</u>.

SAPEA will provide a means for closer collaboration between Academies, combining Fellows' expertise in engineering, human, medical, natural, social and technical sciences in a unique way.

All of the Networks' Member Academies across Europe are part of SAPEA and are encouraged to participate actively. Opportunities for involvement include:

- suggesting scientific topics
- communicating their latest major scientific outputs to SAPEA
- **nominating Fellows** to the SAPEA Working Groups, or other events requiring the advice of an expert (e.g. experts' workshops or stakeholder meetings)
 - Fellows' travel costs will be reimbursed
- hosting Working Group meetings direct costs can be covered
- · acting as "Lead Academies" for a selected scientific topic
- hosting outreach events event support can be provided
- raising the visibility of Academy work at a European Level by sharing news of activities with the SAPEA Communications Office for the project website

AE engagement in SAPEA and providing expertise to public institutions and administrations at European Level

The Horizon2020 funded project contract with the European Commission started at the end of 2016 and has been extended to 2021. The President is a member of the Board of Management of the project. Prof. Ole Petersen (Academic Director of the Cardiff Hub and VP ex O) is our alternate and oversees the work of the AE SAPEA Science Policy Officer - Louise Edwards, who is based at the Cardiff Hub. Louise is responsible for the day-to-day management of any AE involvement in policy advice topic work and is a member of the project coordination team. The AE Executive Secretary acts as AE contract manager in liaison with the central project coordination team. The day-to-day engagement in SAPEA is undertaken by the Science Policy team at the Cardiff Knowledge Hub. Louise Edwards is supported by Dr Mildred Foster.

The Cardiff team led the latest evidence review undertaken by SAPEA, on the topic of Biodegradability of Plastics in the Open environment. The review has informed the policy-based Scientific Opinion of the European Group of Chief Scientific Advisors. With the first Working Group meeting taking place at the end of February and regular meetings held throughout the period of the pandemic, this was the first review to be conducted entirely via virtual means. The report was presented to Chair of the Advisors, Professor Nicole Grobert, at the official handover event on 14th December. European Commissioners Gabriel and Sinkevičius attended. There will be an extensive campaign of promotion and outreach throughout 2021. The Hub oversaw a comprehensive systematic review on the European food policy landscape. The systematic review was specifically requested by the Group of Chief Scientific Advisors and published in March, alongside SAPEA's Evidence Review Report, Towards a Sustainable Food System. The systematic review involved a novel partnership between methodologists (members of Cardiff's Specialist Unit for Review Evidence (SURE) and Cardiff University Library Service) and subject experts. An advisory panel was assembled to support the review, chaired by Professor Terry Marsden, Director of Cardiff's Sustainable Places Research Institute (PLACE) and including Professor Roberta Sonnino, Director of Cardiff's Research Centre for Urban and Regional Food Systems (SURF).

Full information can be found via the official SAPEA website (https://www.sapea.info/) and through both the ae-info website [https://www.sapea.info/) and the Cardiff Hub website [http://aecardiffknowledgehub.wales/

Our intention throughout the SAPEA project is to work with and through the regional knowledge Hubs and with the Young Academy of Europe to ensure maximum opportunity for involvement of our members. We will also establish an outreach forum of other pan-European organisations to improve linkages and engagement of non-core partner expertise and seek to engage (though our Cardiff Hub) scholars (members and non-members) as experts from the UK and Ireland. From 2022 onwards, the Bergen Hub will also be a linked third party (via the University of Bergen) to the SAPEA plus project.

European Science Advisory Council (EASAC). formed by a number of European Academies, and supported by the Academia Europaea provides EU institutions and other pan-national bodies with fully independent advice on the scientific aspects of public policy.

The Academia was a founding member of this Council and collaborates with our sister Academies in making available our members' expertise where needed, for the many study groups that are established. The Academia provides a



financial contribution towards the running of the secretariat of EASAC, which is based at the German National Academy of Sciences (Leopoldina) in Halle. The Academia covers the costs of participation of the AE Council member and also AE experts participating in specific study panels

[http://www.easac.eu/]. The AE supports a number of members, who provide their individual expertise to EASAC studies and/or are engaged in the standing committees of EASAC. Professor Don Dingwell (trustee and VP ex o) is the AE delegate to the EASAC governing Council

Publications:

The European Review 2020 (volume 28)

Report by the Editor-in-chief - Professor Theo D'haen (University of Leuven)

In 2020, the European Review (ERW) went to six issues per volume. AE members had free access to the online version of the journal and to the archive. The Editor-in-chief renewed the editorial Board to include members of the Young Academy of Europe.

Volume 28 had the following focus issues: February 2020 papers from the 2018 annual conference June 2020 Focus on Thinking Beyond Europe's Cultural Borders December 2020 Regimes of Memory III

Open access issues – supplement S1 Mind the Gap Bridging Secondary and Higher Education Volume 28 - Symposium S1 - August 2020 - from the HERCuLES symposium of 2018. Edited by Professor Svend Erik Larsen (Aarhus) https://doi.org/10.1017/S1062798720001210

ERW at Cambridge Core: https://www.cambridge.org/core/journals/european-review

Biology Direct: a publication (now affiliated with the AE) at the initiative of Professor Alex Verkhratsky (Chair of Class C – Life Sciences). Published by Spinger Nature - https://biologydirect.biomedcentral.com/

Section 6: Events provided with AE sponsorship through the Hubert Curien Fund, or patronage in 2020

Contextualising Human Diversity in Context. Published by University of Trieste Press 2020. Editor – Professor Cinzia Ferrini (University if Trieste) Electronic version at: www.openstarts.units.it/handle/10077/30260

Workshop on Observatory Synergies for Astroparticle Physics and Geoscience (in collaboration with the European Alliance for Earth Sciences – GEO.8)

Evidence for Policymakers: An international conference on generating and sharing evidence and data for improved policymaking (Supported staff to participate) at The Hague.

Translational Medicine project (supported by the Hubert Curien Fund) has been brought to a successful conclusion with the publication of the final report, as a substantial full paper (25 pages), in the Journal of Clinical Medicine. http://aecardiffknowledgehub.wales/2020/05/22/academia-europaea-position-paper-on-translational-medicine-published-in-leading-open-access-journal/ and https://www.mdpi.com/2077-0383/9/5/1532 (Prof.Peter Hegyi)

The Fund supported the following member initiated proposals that were postponed because of the COVID pandemic to future dates.

History & Archaeology Section – Hosted at the Wroclaw Hub: ICONOCLASM: PAST & PRESENT ISSUES postponed to October 2021

Class of Social and Related Sciences (Hosted at Wroclaw) event. Collective Identities, Nations and Social Spheres (postponed to 2021)

AE specific Publications.

In addition to regular e-newsletters produced by the centre and all of the Regional Knowledge Hubs, The AE published a number of statements on policy issues and issues relating to the status of members in a number of European countries. Statements can be found at:

No annual member directory was published in hard copy in 2020. A new general AE leaflet was printed.

The AE also maintained its corporate website and all Regional Knowledge Hubs maintain their own websites to reflect their own independent programme activities.

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SECTION 7: Corporate, Hubs and membership

2020 New members elected

The trustees approved the recommendation of the Classes and elected new members as follows:

Class A1 (Humanities) - 105 new members; Class A2 (Social and societal sciences) - 52 new members; Class B (Natural Sciences) - 110 new members and Class C (Life Sciences) - 94 new members. A full list of 2020 new members, allocated by Class and Section is at Annex 1

The Class chairs responsible for oversight of the nominations process in 2020 were:

Class A1 – Humanities and Arts – Sections A1-A6 [Chair Professor Poul Holm (Trustee)]

Class A2 – Social and related sciences – Sections A7 – A10 [Chair Prof .Wittrock (Trustee)]
Class B – Exact and Natural Sciences – Sections B1 –B5 [Professor Don Dingwell (Trustee)]
Class C – Life Sciences – Sections C1 – C5 [Professor Alex Verkhratsky (Trustee)]

Communications

The Hubs and HQ issued regular electronic newsletters throughout the year. A letter from the President was issued to all members on a quarterly basis. The Graz Data centre maintained the ae-info.org website and both Graz and Wroclaw ensured that member data was updated, including for the new members elected in 2020 All new members were notified of the AE GDPR policy and members were asked to opt-in to that policy.

Governance meetings held in 2020

The Trustees, Council and their subcommittees

Because of COVID-19 restrictions, the Board of Trustees met virtually on 4 occasions (using the Zoom platform) as follows: April 16, April 17, June 18, and 20 October. All meetings were quorate.

The Board decided to seek the membership's approval to suspend the physical AGM of 2020. This was carried out via an electronic ballot of all members on a motion. This motion had been approved. The ordinary business of an AGM was then conducted electronically later, and through a series of motions and electronic ballots of all members. The outcomes are reported below.

Individual (virtual) Class meetings (of Section chairs) to decide on recommended new member lists were held on:

Class A1 (June 10)

Class A2 (June 11)

Class B (June 1)

Class C (June 10)

In addition a physical meeting (February) of the new Sponsorship sub-committee met in London. The group is composed of the Treasurer, the President (as Chair), plus Professor Stephen Evans MAE (Cambridge) and Professor Eystein Jansen (Bergen Hub Academic Director)

32nd Annual Business Meeting 2020 (AGM) - suspended

The Board of trustees obtained approval of the membership to suspend the 2020 AGM due to COVID-19 restrictions. This was done via an electronic ballot.

All members had been given advance notice of the Ballots by email (on 21st September), stating the reasons for the ballots and the timetable and sequence as follows:

- A. Vote number 1: will be a request to approve a proposal to suspend the need for a physical AGM for this year only. Our statutes (see the footnote) need a decision to be taken by elective resolution of members. This has to be done before any other substantive ballots can be taken.
- B. Vote number 2. The Board will then invite your votes to approve some normal items of AGM business:
- a. A proposal from the Board to adopt the annual accounts for the year ended 31 December 2019
- b. A proposal to adopt the trustees (activity) report for 2019 c. A proposal to re-appoint the auditors d. A proposal to set the annual membership fees for 2021
- C. Vote number 3. In view of the exceptional times we are all experiencing, the Board have decided to invite the current President Sierd Cloetingh, to remain in post until the end of 2021. This would facilitate a smooth transition to the new incoming President. We are in uncharted territory and there is no provision in statues or regulations for this, but the Board will hope that you the members will understand the need to ensure continuity at this time and hope that you will vote to approve a proposal for this action.

These ballots were open for voting from 26 September to 3 October.

A fourth ballot had been pre-announced for the new President of the Academia Europaea.

MOTION WAS: Following an intensive scrutiny process, the Board adopted the recommendation of the independent search group and are pleased to propose XXXXXXXXXXXX for your approval.

The incoming President will serve as a 'President-elect' from January 2021, and will assume the Presidency at the AGM of 2021 (October). The President will serve for an initial term of three years.

This ballot was open from 6 October to 12 October

The outcomes from all of these ballots were:

Motion to suspend the AGM of 2020

Motion to adopt the accounts for the year ending 31 December 2019

Motion to adopt the trustees (activity report for the year ending 31 December 2019

Motion to re-appoint the auditors (examiners)

Motion to set the level of membership fees for the year 2021 (at the 2020 level)

Motion to extend exceptionally, the term of the Current President (Professor Cloetingh) to the end of 2021

Motion to accept the recommendation of the trustees to elect XXXX as the new President of the Academia Europaea.

Large majorities approved all motions

The Membership duly elected Professor Marja Makarow to be the next President of the Academia Europaea.

It was hoped that a pared back physical AGM might held in Barcelona on 21 October 2021. A number of items of ordinary business may be handled in advance, via electronic ballots of the membership.

Section 8: Statement of Trustees' Responsibilities

The Trustees (who are also the directors of The Academia Europaea – The Academy of Europe for the purposes of company law) are responsible for preparing the Trustees' Report and the financial statements in accordance with applicable law and United Kingdom Accounting Standards (United Kingdom Generally Accepted Accounting Practice).

Company law requires the trustees' must not approve the financial statements unless they are satisfied that they give a true and fair view of the state of affairs of the charitable company and of the incoming resources and application of resources, including the income and expenditure, of the charitable company for that period. In preparing these financial statements, the trustees are required to:

- o select suitable accounting policies and then apply them consistently;
- o observe the methods and principles in the Charities SORP;
- o make judgements and estimates that are reasonable and prudent;
- o prepare the financial statements on the going concern basis unless it is inappropriate to presume that the charitable company will continue in operation.
- state whether applicable UK Accounting Standards have been followed, subject to any material departures disclosed and explained in the financial statements; and

The Trustees are responsible for keeping accounting records that are sufficient to show and explain the company's transactions and disclose with reasonable accuracy at any time the financial position of the charitable company and enable them to ensure that the financial statements comply with the Companies Act 2006. They are also responsible for safeguarding the assets of the charitable company and hence for taking reasonable steps for the prevention and detection of fraud and other irregularities.

In so far as the Trustees are aware:

- o there is no relevant information of which the charitable company's examiner of accounts is unaware; and
- the trustees have taken all steps that they ought to have taken to make themselves aware of any relevant information and to establish that the examiner of accounts is aware of that information.

The Trustees are responsible for the maintenance and integrity of the corporate and financial information included on the charitable company's website. Legislation in the United Kingdom governing the preparation and dissemination of financial statements may differ from legislation in other jurisdictions.

Risk assessment

The Trustees have assessed the major risks to which the charity is exposed, in particular those relating to the operations and finances of the charity and for BREXIT and are satisfied that systems are in place to mitigate our exposure to these risks. However, the situation will be kept under constant review and any necessary steps taken.

Financial Report

The Trustees confirm that suitable accounting policies have been used and applied consistently and that reasonable and prudent judgements and estimates have been made in the preparation of the financial statements for the year 1 January 2020 - 31 December 2020. The Trustees also confirm that applicable accounting standards have been followed and that the financial statements have been prepared on the going concern basis. The assets are available and adequate to fulfil obligations on a fund - by - fund basis.

The Academia is required by UK law to present its accounts in sterling. A version expressed in Euros could be prepared by converting the figures at the exchange rate for a particular date, but this would not be accurate since transactions are spread across the financial year, during which a range of exchange rates have existed. Any significant foreign exchange impacts are described in the notes to the accounts. The full accounts have been published separately to the this activity report.

Reserves policy

The total funds for the year ended 31 December 2020 was £283,546 [YE 31 December 2019, £105,242]. It is the policy of the trustees to maintain sufficient reserves for the Academia Europaea to continue its charitable activities and in view of this, the trustees aim to achieve reserves equal to approximately six months of operations. A review of reserves policy will be undertaken every year.

Income and expenditure for the period ended 31 December 2020 (summary overview)

The year was one of continuing progress towards stability. The COVID-19 pandemic and a period of office lockdown, suspension of planned activities over the year all had an impact on the financial position of the AE. Our total income for the year was £401,223. Total expenditure was £254,522. The balance of funds brought forward to 2020 from 2019 was £105,242. In addition to normal income and expenditure, the accounts also reflect income and expenditures associated to the European Commission SAPEA grant. The AE benefits from overhead associated with our involvement in this project activity. The figures also include subsidies received from the UK government in support of the COVID-19 lockdown and the furlough of one member of AE staff at the London office.

The AE as a charity seeks to operate an effective zero balance budget. We are essentially dependent upon members' donation income, in 2020 this was at £216,360, and life membership payments totalled £20,113. This represented a positive increase over previous years. The Trustees stress to all members the importance of supporting the Academia by making a donation every year, preferably at the recommended level. Without more members making a payment, the AE will not be able to grow the range and type of activity and support for member initiatives that we need to deliver our obligations as a charity. Whilst a voluntary scheme remains our policy, the Trustees reviewed this policy and decided to levy a recommended general fee rate, linked to an age-related banding for annual donations, per member. Sponsorship continued to be successful for individual activity, and we thank the Wenner Gren Foundations (Sweden), The Heinz-Nixdorf Foundation (Germany), The Balzan Foundation (Switzerland) and for their support and the support of other sponsors, especially the Caixa Foundation (Barcelona) and our Patron member The German Academy of Sciences (Leopoldina). The Board continued to recognise the ongoing difficulty in obtaining core financial support from public and private institutions and established a Finance and Sponsorship sub-committee to manage these developments.

The examiner's accounts for 2020 are filed separately and can be viewed through the Academia Europaea website; the UK government Companies House and the Charities Commission of England and Wales websites respectively.

Sierd Cloetingh, President On behalf of the Board of Trustees

July 2021

Annex 1: Members elected in 2020 and who subsequently accepted an invitation into membership Class A1 – Humanities – Chair: Professor Poul Holm (Dublin))

	Full name	Country	
<u>A1</u>	History & Archaeology (19)	c. Nikita Harwich-Vallenilla	Member Type
	Abbattista Guido	Italy	Ordinary
	Buda Octavian	Romania	Ordinary
	De Graaf Beatrice Albertha	Netherlands	Ordinary
	Haynes Ian	United Kingdom	Ordinary
	Heinen Armin	Germany	Ordinary
	Murgescu Bogdan	Romania	Ordinary
	Nickelsen Kärin	Germany	Ordinary
	Nyberg Kenneth	Sweden	Ordinary
	Platon Alexandru-Florin	Romania	Ordinary
	Pollmann Judith	Netherlands	Ordinary
	POSADA-CARBÓ Eduardo	United Kingdom	Ordinary
	Pro Juan	Spain	Ordinary
	RISTOVIĆ Milan	Serbia	Ordinary
	Rubiés Joan-Pau	Spain	Ordinary
	Tischler Matthias M.	Spain	Ordinary
	Turda Marius	United Kingdom	Ordinary
	WHITTAKER Helene	Sweden	Ordinary
	Winiwarter Verena	Austria	Ordinary
	Michael Cook	USA	FOREIGN

<u>A2</u>	Classics & Oriental Studies (6)	c. Gerd Haverling	Member type
	Fuhrer Therese	Germany	Ordinary
	Marzano Annalisa	United Kingdom	Ordinary
	Németh Michał	Poland	Ordinary
	Shogimen Takashi	New Zealand	Foreign
	Stramaglia Antonio	Italy	Ordinary
	Tsagalis Christos	Greece	Foreign

Linguistic Studies (21)		itudies (21)	c. Pier Marco Bertinetto	
A3		Alexiadou Artemis	Germany	Ordinary
		Allen Shanley	Germany	Ordinary
		Aloni Maria	Netherlands	Ordinary
		Behr Wolfgang	Switzerland	Ordinary
		Börjars Kersti	United Kingdom	Ordinary

Cuzzolin Pierluigi	Italy	Ordinary
de Saussure Louis	Switzerland	Ordinary
Divjak Dagmar	United Kingdom	Ordinary
Fischer Olga	Netherlands	Ordinary
Földes Csaba	Germany	Ordinary
François Alexandre	France	Ordinary
Hansen Maj-Britt	United Kingdom	Ordinary
Haug Dag	Norway	Ordinary
Hellwig Birgit	Germany	Ordinary
Holvoet Axel	Lithuania	Ordinary
Igartua Ugarte Iván	Spain	Ordinary
Nesset Tore	Norway	Ordinary
Spector Benjamin	France	Ordinary
Tatevosov Sergei	Russian Federation	Ordinary
Thornton Anna Maria	a Italy	Ordinary
Wurmbrand Susanne	e Austria	Ordinary

<u>A4</u>	Literary & Theatrical Studies (18)	c. Vladimir Biti	Member type
	Aston Elaine	United Kingdom	Ordinary
	Benne Christian	Denmark	Ordinary
	Borbely Stefan	Romania	Ordinary
	Braga Corin	Romania	Ordinary
	Corbea-Hoisie Andrei	Romania	Ordinary
	Desmarais Jane	United Kingdom	Ordinary
	Duprat Anne	France	Ordinary
	GILMORE John T.	United Kingdom	Ordinary
	Kluge Sofie	Denmark	Ordinary
	Leeder Karen	United Kingdom	Ordinary
	Meretoja Hanna	Finland	Ordinary
	Perloff Marjorie	United States	Foreign
	Pittock Murray	United Kingdom	Ordinary
	Rimell Victoria	United Kingdom	Ordinary
	Rippl Gabriele	Switzerland	Ordinary
	Vice Sue	United Kingdom	Ordinary
	Vogel Juliane	Germany	Ordinary
	Zach Wolfgang	Austria	Ordinary

A5	Musicology & History of Art & Architecture (12)	c. Laurenz Lutteken	
	Canguilhem Philippe	France	Ordinary
	Corrain Lucia	Italy	Ordinary
	Cuno James	United States	Foreign
	DONIN Nicolas	France	Ordinary
	Gancarczyk Paweł	Poland	Ordinary
	Geiger Friedrich	Germany	Ordinary
	Kelly Barbara	United Kingdom	Ordinary

Richards Annette	United States	Foreign
Rodríguez Ortega Nuria	Spain	Ordinary
Tunbridge Laura	United Kingdom	Ordinary
Wood Christopher	United States	Foreign
Zoppelli Luca	Switzerland	Ordinary

A6	Philosophy, Theology & Religious Studies (11)	c. Genoveva Marti	
	Beebee Helen	United Kingdom	Ordinary
	Hüttemann Andreas	Germany	Ordinary
	KALIMI ISAAC	Germany	Ordinary
	Miroiu Adrian	Romania	Ordinary
	Pacherie Elisabeth	France	Ordinary
	Parrini Paolo	taly	Ordinary
	Perler Dominik	Germany	Ordinary
	Reiss Julian	Austria	Ordinary
	Shenker Orly	Israel	Ordinary
	Westphal Kenneth R.	Turkey	Ordinary
	Ypi Lea	United Kingdom	Ordinary

A7	Film, Media and Visual Studies (19)	c. Göran Bolin	
	Alvares Claudia	Portugal	Ordinary
	Bassett Caroline	United Kingdom	Ordinary
	Boccia Artieri Giovanni	Italy	Ordinary
	Dobek-Ostrowska Boguslawa	Poland	Ordinary
	Esposito Elena	Italy	Ordinary
	Fickers Andreas	Luxembourg	Ordinary
	Gil Isabel Capeloa	Portugal	Ordinary
	Grant Catherine	United Kingdom	Ordinary
	Hughes Lorna	United Kingdom	Ordinary
	Jansson André	Sweden	Ordinary
	Jensen Klaus Bruhn	Denmark	Ordinary
	Kerr Aphra	Ireland	Ordinary
	Kleinen-von Königslöw Katharina	Germany	Ordinary
	Ling Richard	Singapore	Foreign
	Mansell Robin	United Kingdom	Ordinary
	Pasquali Francesca	Italy	Ordinary
	Pruulmann-Vengerfeldt Pille	Sweden	Ordinary
	Söderbergh Widding Astrid	Sweden	Ordinary
	Syvertsen Trine	Norway	Ordinary

Class A2 - Social and Societal sciences: Class chair Professor Bjorn Wittrock (Uppsala)

During 2020 there was a re-organisation of Sections and creation of several new Section groupings. All Class members were invited to select a new or exisiting section. These reported in Annex 2

Behav	Full name vioural Sciences (5)	Country c. Peter Scott	Membership type
A8	MIKLOSI ADAM	Hungary	Ordinary
	Price Cathy	United Kingdom	Ordinary
	Roelofs Ardi	Netherlands	Ordinary
	Semenza Carlo	Italy	Ordinary
	TSAKIRIS MANOS	United Kingdom	Ordinary

<u>A9</u>	Social Sciences (12)	c. Maria Paradiso	
	Alasuutari Pertti	Finland	Ordinary
	BARBU Daniel	Romania	Ordinary
	CONSTANTIN Daniela-Luminita	Romania	Ordinary
	Craiutu Aurelian	United States	Foreign
	Ellemers Naomi	Netherlands	Ordinary
	Fenster Tovi	Israel	Ordinary
	Hughes Jason	United Kingdom	Ordinary
	Pates Rebecca	Germany	Ordinary
	Rosa Hartmut	Germany	Ordinary
	STASZAK Jean-François	Switzerland	Ordinary
	STOLCKE Verena	Spain	Foreign
	Wiener Antje	Germany	Ordinary

A10	<u>Law (10)</u>	c. Nina Dethloff	
	Antokolskaia Masha	Netherlands	Ordinary
	Friedmann Daniel	Israel	Ordinary
	Hörnle Tatjana	Germany	Ordinary
	Huber Peter M.	Germany	Ordinary
	Kieninger Eva-Maria	Germany	Ordinary
	Meier Sonja	Germany	Ordinary
	Michaels Ralf	Germany	Ordinary
	Schweitzer Heike	Germany	Ordinary
	Symeonides Symeon	United States	Foreign
	Yu Xiang	China	Foreign

A11	Economics, Business and Management Sciences (25)	c. Klaus Zimmermann	
	Adam Klaus	Germany	Ordinary
	Aumann Robert J.	Israel	Ordinary

Belke Ansgar	Germany	Ordinary
Bevelander Pieter	Sweden	Ordinary
Carraro Carlo	Italy	Ordianry
Dabrowski Marek	Poland	Ordinary
De Toni Alberto Felice	Italy	Ordinary
Epstein Gil	Israel	Ordinary
Freixas Xavier	Spain	Ordinary
Galor Oded	United States	Foreign
Guriev Sergei	France	Ordinary
Horvath Roman	Czech Republic	Ordinary
Hou Wenxuan	United Kingdom	Ordinary
Konstantopoulos Spyros	United States	Foreign
Koren Miklós	Hungary	Ordinary
Moutinho Luiz	United Kingdom	Ordinary
Newbery David	United Kingdom	Ordinary
NEYMAN Abraham	Israel	Ordinary
Repullo Rafael	Spain	Ordinary
Scazzieri Roberto	Italy	Ordinary
Sentana Enrique	Spain	Ordinary
Sovacool Benjamin	United Kingdom	Ordinary
Tsakloglou Panos	Greece	Ordinary
Ventura Jaume	Spain	Ordinary
Weber Martin	Germany	Ordinary

Class B - Exact and Natural Sciences: Chair Don Dingwell (Munich)

B1	Mathematics (23)	c. Philippe Michel	
	Arnaud Marie-Claude	France	Ordinary
	Bogomolov Fedor	United States	Foreign
	Bridgeland Tom	United Kingdom	Ordinary
	Bridson Martin	United Kingdom	Ordinary
	Colmez Pierre	France	Ordinary
	Crovisier Sylvain	France	Ordinary
	Delbaen Freddy	Switzerland	Ordinary
	Deninger Christopher	Germany	Ordinary
	Dolgopyat Dmitry	United States	Foreign
	Ekeland Ivar	France	Ordinary
	Hausel Tamas	Austria	Ordinary
	Kazhdan David	Israel	Ordinary
	Lindquist Anders	Sweden	Ordinary
	Liverani Carlangelo	Italy	Ordinary
	Maynard James	United Kingdom	Ordinary
	Merle Frank	France	Ordinary
	Pandharipande Rahul	Switzerland	Ordinary
	Röckner Michael	Germany	Ordinary

Solovej Jan Philip	Denmark	Ordinary
Süli Endre	United Kingdom	Ordinary
Tarantello Gabriella	Italy	Ordinary
van de Geer Sara	Switzerland	Ordinary
Vogtmann Karen	United Kingdom	Ordinary

<u>B2</u>	Informatics (19)	c. Schahram Dustdar	
	Ailamaki Anastasia	Switzerland	Ordinary
	Ammar Mostafa H.	United States	Foreign
	Bronstein Michael	United Kingdom	Ordinary
	Cao Jiannong	China	Foreign
	Deng Xiaotie	China	Foreign
	Giannakis Georgios B.	United States	Foreign
	Guo Minyi	China	Foreign
	Helal Abdelsalam (Sumi)	United Kingdom	Ordinary
	Ilic Marija	Serbia	Ordinary
	Kavraki Lydia	United States	Foreign
	Lapata Mirella	United Kingdom	Ordinary
	Lio Pietro	United Kingdom	Ordinary
	OUAKNINE Joël	Germany	Ordinary
	Pingali Keshav	United States	Foreign
	Plaza Antonio	Spain	Ordinary
	Qu Xiaobo	Sweden	Ordinary
	Saurabh Saket	Norway	Ordinary
	Sun Maosong	China	Foreign
	Zhang Yan	Norway	Ordinary

В3	Physics & Engineering Sciences (23)	c. Pavel Exner	
	Aeppli Gabriel	Switzerland	Ordinary
	Amabili Marco	Canada	Foreign
	Caldarelli Guido	Italy	Ordinary
	Di Ventra Massimiliano	United States	Foreign
	Falciano Speranza	Italy	Ordinary
	Ferrari Andrea	United Kingdom	Ordinary
	Horodecki Ryszard	Poland	Ordinary
	Lai Ying-Cheng	United States	Foreign
	Liew Kim Meow	Hong Kong	Foreign
	Losada Iñigo J.	Spain	Ordinary
	OTT EDWARD	United States	Foreign
	Pachucki Krzysztof	Poland	Ordinary
	Rasel Ernst Maria	Germany	Ordinary
	Shi Peng	Australia	Foreign
	SORNETTE Didier	Switzerland	Ordinary
	Sotomayor Torres Clivia M.	Spain	Ordinary
	Van Kolck Ubirajara	France	Ordinary

Vedral Vlatko	United Kingdom	Ordinary
Voyiadjis George	United States	Foreign
Wagner Hanoch Daniel	Israel	Ordinary
Wang Cheng-Xiang	United Kingdom	Ordinary
Wang Zidong	United Kingdom	Ordinary
Shiltsev Vladimir	Russian Federation	Ordinary

B4	Chemical Sciences (29)	c. Graham Hutchings	
	Aggarwal Varinder	United Kingdom	Ordinary
	Barone Vincenzo	Italy	Ordinary
	Bianco Alberto	France	Ordinary
	Bukhtiyarov Valerii	Russian Federation	Ordinary
	Champness Neil	United Kingdom	Ordinary
	Chi Lifeng	China	Foreign
	Chojnacka Katarzyna	Poland	Ordinary
	CLERAC RODOLPHE	France	Ordinary
	Guo Zheng Xiao	Hong Kong	Foreign
	Hecht Stefan	Germany	Ordinary
	Hu Xile	Switzerland	Ordinary
	Irvine John	United Kingdom	Ordinary
	Järv Jaak	Estonia	Ordinary
	Kralchevsky Peter	Bulgaria	Ordinary
	LECOMMANDOUX Sebastien	France	Ordinary
	Mann Stephen	United Kingdom	Ordinary
	McCulloch lain	United Kingdom	Ordinary
	Mikos Antonios	United States	Foreign
	MULLER Sylviane	France	Ordinary
	Nicolosi Valeria	Ireland	Ordinary
	PERCEC VIRGIL	United States	Foreign
	Quack Martin	Switzerland	Ordinary
	Roldán Cuenya Beatriz	Germany	Ordinary
	Ruiz Sabin Eliseo	Spain	Ordinary
	Sanders Jeremy	United Kingdom	Foreign
	Sommerdijk Nico	Netherlands	Ordinary
	Terasaki Osamu	China	Foreign
	Yu Jiaguo	China	Foreign
	Zhang Chi	China	Foreign

B5	Earth & Cosmic Sciences (17)	c. Paolo Papale	
	Agard Philippe	France	Ordinary
	Barry David Andrew	Switzerland	Ordinary
	CHENG Qiuming	China	Foreign
	Davies Roger	United Kingdom	Ordinary
	Delgado Hugo	Mexico	Foreign

Gong Peng	China	Foreign
HAWTHORNE Frank	Canada	Foreign
Kaper Lex	Netherlands	Ordinary
Kögel-Knabner Ingrid	Germany	Ordinary
Liu Junguo	China	Foreign
Ranero Cesar	Spain	Ordinary
Sinninghe Damsté Jaap S.	Netherlands	Ordinary
Tackley Paul J.	Switzerland	Ordinary
Tauris Thomas	Denmark	Ordinary
von Blanckenburg Friedhelm	Germany	Ordinary
Yinon Rudich	Israel	Ordinary
Zollo Aldo	Italy	Ordinary

Class C – Life Sciences: Chair Alex Verkhratsky; Vice-chair Robert Zorec

Sect.	Full name	Country	Membership type
C1	Biochemistry & Molecular Biology (22)	c. Eva Kondorosi	
	Buzás Edit Irén	Hungary	Ordinary
	Dixon Ray	United Kingdom	Ordinary
	Djinovic Carugo Kristina	Austria	Ordinary
	Dumenil Guillaume	France	Ordinary
	Erdmann Ralf	Germany	Ordinary
	Gao George Fu	China	Foreign
	Gebauer Fátima	Spain	Ordinary
	GENSCHIK Pascal	France	Ordinary
	Gutierrez Crisanto	Spain	Ordinary
	Kubista Mikael	Czech Republic	Ordinary
	Lingner Joachim	Switzerland	Ordinary
	Mergaert Peter	France	Ordinary
	Neyrolles Olivier	France	Ordinary
	O'Donnell Valerie	United Kingdom	Ordinary
	Poole Philip	United Kingdom	Ordinary
	Radford Sheena	United Kingdom	Ordinary
	Rodnina Marina	Germany	Ordinary
	Stewart Adrian Francis	Germany	Ordinary
	Tartaglia Gian Gaetano	Italy	Ordinary
	Walter Jörn	Germany	Ordinary
	YANG YUN-GUI	China	Foreign
	Zoran Popovski	Macedonia	Ordinary

C2	Cell and Development Biology (5)	c. TBC	
	BOUSSO Philippe	France	Ordinary
	Gruenbaum Yosef	Israel	Ordinary
	Nitschke Lars	Germany	Ordinary
	Rabelink Antonius	Netherlands	Ordinary
	Schier Alexander	Switzerland	Ordinary

C3	Physiology and Neuroscience (23)	c. Tibor Harkany	
	Allan Stuart	United Kingdom	Ordinary
	Battaglia Francesco Paolo	Netherlands	Ordinary
	BENFENATI FABIO	Italy	Ordinary
	Cattaneo Antonino	Italy	Ordinary
	Cunha Rodrigo	Portugal	Ordinary
	DiGregorio David	France	Ordinary
	Gegelashvili George	Georgia	Ordinary
	Hoehn Mathias	Germany	Ordinary
	HOLTMAAT ANTHONY	Switzerland	Ordinary
	KASPER Siegfried	Austria	Ordinary
	Kofler Barbara	Austria	Ordinary
	Mothet Jean-Pierre	France	Ordinary
	Patel Sandip	United Kingdom	Ordinary
	Pekna Marcela	Sweden	Ordinary
	Petronis Arturas	Lithuania	Ordinary
	Piacentini Mauro	Italy	Ordinary
	Roska Botond	Switzerland	Ordinary
	Schenck Annette	Netherlands	Ordinary
	Shi Yufang	Italy	Ordinary
	Thiel Gerhard	Germany	Ordinary
	Ulbert István	Hungary	Ordinary
	van Engelen Baziel	Netherlands	Ordinary
	Wedell Anna	Sweden	Ordinary

C4	Organismic & Evolutionary Biology (12)	c. Christophe Thébaud	
	Barta Zoltán	Hungary	Ordinary
	Ben Sheldon	United Kingdom	Ordinary
	Bruford Michael	United Kingdom	Ordinary
	Burt Austin	United Kingdom	Ordinary
	Inzé Dirk	Belgium	Ordinary
	JORDANO PEDRO	Spain	Ordinary
	Knapp Sandra	United Kingdom	Ordinary
	Le Kang	China	Foreign

Lopez-Garcia Purificacion	France	Ordinary
Memmott Jane	United Kingdom	Ordinary
Triantis Kostas	Greece	Ordinary
Wardle David Albert	Singapore	Foreign

C5	Clinical and Veterinary Science (23)	c. Stephen Holgate	
	Aaby Peter	Denmark	Ordinary
	Anadon Arturo	Spain	Ordinary
	Benn Christine Stabell	Denmark	Ordinary
	Calandra Thierry	Switzerland	Ordinary
	Cox Timothy	United Kingdom	Ordinary
	Ekman Inger	Sweden	Ordinary
	Fleming Lora Elderkin	United Kingdom	Ordinary
	Freshwater Dawn Sylvia	United Kingdom	Ordinary
	Guchelaar Henk-Jan	Netherlands	Ordinary
	Hussell Tracy	United Kingdom	Ordinary
	Irvine Alan David	Ireland	Ordinary
	Kelly Frank	United Kingdom	Ordinary
	LENZI Gian-Luigi	Italy	Ordinary
	Lovell Karina	United Kingdom	Ordinary
	Moffatt Miriam Fleur	United Kingdom	Ordinary
	Rafferty Anne Marie	United Kingdom	Ordinary
	RODRIGUEZ-ROISIN Roberto	Spain	Ordinary
	SZEKANECZ ZOLTAN	Hungary	Ordinary
	TRACEY Irene	United Kingdom	Ordinary
	van Hage Marianne	Sweden	Ordinary
	Vécsei László	Hungary	Ordinary
	Yazdanbakhsh Maria	Netherlands	Ordinary
	Nagtegaal Iris	Netherlands	Ordinary

Annex 2 Trustees, 'Council', and Section Committee composition as at 31st December 2019

At the AGM in September 2015, the Regulations were amended to allow the appointment by the Board of a variable number of Vice Presidents (ex officio) to provide flexibility to the President and that serve a VP term limited to that of the President. These changes are within the overall limits set for the Trustees in the Articles of Incorporation and do not impact on the role or seniority of the elected officers. The Articles prescribe a Board made up of not less than 3 and NOT MORE than 15 members. The Articles describe a Board made up of elected officers (President, Vice Presidents and the Treasurer – all elected by the membership (at a general meeting); a number of members (appointed by the 'Advisory Council' – the Class chairs) and a number of co-opted (by the Board) members. The subsidiary Regulations are used to determine numbers and balance up to the limit of 15. The current formula is President, elected Vice presidents (up to two were approved by AGM in 2012); Treasurer.

In November 2015 the Board approved the designation of several existing Trustees as Vice Presidents ex officio, to reflect new portfolios. In 2020 these were Professor Dingwell (Class Chair); Professor Poul Holm (Class Chair) Professor Bjorn Wittrock (Class Chair) and Professor Ole Petersen. Governance and incorporation documents can be found on the website (www.ae-info.org).

Members of the Board of Trustees (at 31st December 2020)

Elected officers:

The President - Professor Sierd Cloetingh (Utrecht) from AGM 2014 to AGM 2021

Treasurer - Professor Veijko Milutinovic (elected at the AGM 2018) resigned in 2020, replaced by Professor Oskar Mencer (UK) as pro tem treasurer until 2021

The Vice President (officio) – Professor Genoveva Marti to AGM 2021

Trustees

Ole Petersen (UK) co-opted (to AGM 2020), Vice president (ex officio), Deputy Treasurer and Academic Director, Cardiff Hub

Theo D'haen, (B) Editor-in-chief - European Review - (co-opted 2014); retires end of 2021

Poul Holm (IRL) - Class chair - Class A1 (Humanities) co-opted Vice president ex officio;

Don Dingwell (D) - Class Chair - Class B (Natural Sciences) co-opted Vice president ex officio; retires end of 2021

Alex Verkhratsky (UK) - Class Chair - Class C (Life Sciences) co-opted retires end of 2021

Bjorn Wittrock (SWE) - Class chair from January 2018 co-opted Vice president ex officio

Eva Kondorosi (HUN) from January 2016, co-opted

Alain Peyraube (Linguistics) France – from Council retires 31 December 2020

Kirsten Drotner (Film, Media and Visual Studies) Denmark - from Council retires 31 December 2020

Dagmar Coester-Waltjen (Law) Germany – from Council retires 31 December 2020

Academia Europaea - Composition of the Advisory Council (at 31 December 2020)

Following the establishment of the Class structure and the allocation of Sections into the four Classes, the role for a single Advisory Council (hereinafter The Council) meeting only annually and with a very limited function, has been replaced by a variable configuration composed of the four classes. The Section chairs (as members of the Council) are all members of one of the Class committees. Within each Class configuration, each Section chair has a term three years, with the possibility of renewal for one further period of three years. The Class chairs are independently appointed and are members of the Board of trustees, and therefore they act as the (independent) representative of the Council on the Board. This structure ensures stronger flow of information and consultation between the Board of trustees and the Advisory Council (the four Class committees) than was formerly the case. This structure has also facilitated a greater devolving of responsibility to the Class level than had been possible under the old Council formation.

Academia Europaea Section Committees Chairpersons and Committee Members¹

At 31 December 2020

A CLASS A1

Class Chair, Poul Holm (Trinity, Dublin, and R of Ireland) holmp.getcd.ie Vice-chair: Professor Göran Bolin, Sweden Goran.bolin@sh.se

A1 History & Archaeology

Chairperson²: Nikita Harwich Vallenilla (until December 2022 not renewable)⁴

harwich.nikita@noos.fr

University of Paris X-Nanterre, 35 Rue de Noailles, 78100 Saint-Germain-en-Laye, France

Committee³: Amalia Polónia, (till end 2022); Olga Katsiardi-Hering (till end 2022), Korine Amacher (till end 2022, renewable); Maxine berg (til end 2022, renewable), Leonard Blusse van Oud Alblas (till end 2022, renewable); Markus Denzel (till end 2022, renewable); Bogdan Szlachra (till end 2022, renewable); Manuel Lucena-Giraldo (till end 2022, renewable)

A2 Classics & Oriental Studies

Chairperson: Gerd Haverling (to end of 2022, renewable)

gerd.haverling@lingfil.uu.se

University of Uppsala, Dept. of Linguistics & Philology

Committee: Barbara Borg (till end 2022), Gerd Haverling, Eun-Jeung Lee (till end 2022), Alexander Lubotsky (till end 2022), Gianfranco Agosti (till end of 2021, renewable), Alexander Vovin (to end of 2021, renewable), Irmela Hijiya-Kirschnereit (to end 2022, renewable)

A3 Linguistic Studies

Chairperson: Pier Marco Bertinetto (till end 2022, renewable).

bertinetto@sns.it SNS, Pisa, Italy

http://linguistica.sns.it/PaginePersonali/Bertinetto.htm

Committee:), Katarzyna Dziubalska-Kolaczyk (till AGM 2020)), Asifa Majid Vice Chair (first term ends end of 2020, renewable), Nigel Vincent (first term ends end of 2020, renewable), Alain Peyraube (to end 2022, renewable), Angela Ralli, to end of 2022, renewable), Harald Baayen (to end of 2022, renewable).

A4 Literary & Theatrical Studies

Chairperson: Vladimir Biti (to end of 2021)

vladimir.biti@univie.ac.at http://www.ae-info.org/ae/User/Biti_Vladimir

University of Vienna, Institut für Slawistik, Spitalgasse 2-4, Hof 3, 1090 Vienna, Austria

Committee: César Dominguez, Lucia Boldrini (to end 2020), Susana Onega (to end 2020), Vivian Liska (to end 2020, renewable), Martin Middeke (to end of 2021, renewable)

A5 Musicology & Art History

Chairperson: Laurenz Lütteken (till end 2022) University of Zurich. <u>luetteken@access.uzh.ch</u>

http://www.ae-info.org/ae/Member/L%C3%BCtteken_Laurenz

Committee: Christian Leitmeir, Lynda Nead, Raphael Rosenberg, Victor Stoichita, (all till December 2020), Melanie Wald-Fuhrmann (until end of 2021, renewable), Tanja Michalsky (to end of 2022, renewable)

A6 Philosophy, Theology & Religious Studies

Chairperson: Genoveva Marti (till end 2022)

ICREA and Universitat de Barcelona, Departament de Filosofia, Montalegre 6, 08001 Barcelona genoveva.marti@gmail.com

Committee: Martin Carrier (to end of 2022, renewable), Cinzia Ferrini (to end of 2022, renewable), Margit Sutrop (to end of 2022, renewable), Timothy Williamson (to end of 2022, renewable), Alex Fidora (to end of 2022, renewable)

A7 Film, Media and Visual Studies Chairperson: Göran Bolin (to end 2021, renewable)

Goran.bolin@sh.se School of Culture and Communication, Södertörn University, Sweden

Committee: Kirsten Drotner (until end 2021), Daniel Biltereyst (to end of 2020), Maren Hartmann and Fausto Colombo (to end of 2020, renewable), Helena Bilandzic (to the end of 2021, renewable).

CLASS A2

Class Chair Björn Wittrock, Uppsala (Swedish Collegium). <u>bjorn.wittrock@swedishcollegium.se</u> Vice-chair: Professor Shalini Randeria, Vienna randeria@iwm.at

A8 Economics, Business and Management Sciences

Chairperson: Klaus Zimmermann (to end of 2020)

klaus.f.zimmermann@gmail.com

University of Bonn, Regina-Pacis-Weg 3, 53113 Bonn, Germany

Committee: Amelie Constant, Mirjana Radovic-Markovic, Reinhilde Veugelers (all to end of 2021), Andreu Mas-Colell (to end of 2022, renewable), Martin Kahanec (to end 2022, renewable)

A9 Governance, Institutions and Policies: Education, Health and Welfare

Chairperson: Peter Scott (to end 2020)

p.scott@ioe.ac.uk https://www.ioe.ac.uk/staff/51229.html

University of London, Institute of Education, 20 Bedford Way, London WC1H 0AL, UK

Committee:, Johan P. Mackenbach, (to end 2022), Ulrich Teichler (to end 2020), Pauli Kettunen (to end of 2022, renewable), Archana Singh-Manoux (to end of 2022)

A 10. Human Mobility, Governance, Environment and Space

Chairperson: Maria Paradiso (to end 2020, renewable)

paradiso@unisannio.it

Department DEMM of Social Sciences. Geography Unit. University of Sannio, Piazza Arechi II, 82 - 82100 Benevento, Italy

Committee: Sture Öberg (to end 2022), Maria Dolores Garcia-Ramon (until end 2020), Alun Jones (to end 2020), . Leo van Wissen (until end of 2022, renewable), Michael Keating (to end of 2022, renewable), Benno Werlen (until the end of 2022, renewable)

A11 Law

Chairperson: Nina Dethloff (to end 2022, renewable)

dethloff@uni-bonn.de

Faculty of Law, University of Bonn

Committee: Rosa Greaves (until end 2022), Verica Trstenjak (until end 2020), Alain Strowel (until end 2020), Dagmar Coester-Waltjen Vice Chair (until end 2022), Marit Jäntärä- Jareborg (to end of 2022, renewable), Christina Gonzales-Beilfuss (to end of 2022, renewable), Dieter Gosewinkel (until end of 2022, renewable);

A 12. Social Change and Social Thought

Chairperson: Peter Wagner (to end of 2022, renewable)

Peter.Wagner@ub.edu

Catalan Institute for Research and Advanced Studies, Barcelona

Committee: Wolfgang Knöbl (to end of 2022, renewable), Lars Magnusson (to end of 2022, renewable), Marilyn Strathern (to end of 2021, renewable)

A 13. The Human Mind and Its Complexity

Chairperson: Jüri Allik (to end of 2022, renewable)

juri.allik@ut.ee

Dept. Psychology, Tartu, Estonia

Committee: Kimmo Alho (to end of 2022, renewable), Gian Vittorio Caprara (to end of 2022), Kurt Pawlik (to end of 2022)

CLASS B

Clas Chair Don Dingwell, LMU Munich. Dingwell@lmu.de

B1 Mathematics

Chairperson: Philippe Michel (to end of 2022, renewable)

philippe.michel@epfl.ch

Ecole Polytechnique Federale de Lausanne

Committee: Jean-Benoît Bost (to end 2021, renewable), Martin Hairer (to end 2021, renewable), (Volker Mehrmann (to end 2021, renewable), Jürg Kramer Vice chair (to end 2022, renewable), Amie Wilkinson (to end 2022, renewable), Maria Esteban (to end 2022, renewable).

B2 Informatics

Chairperson: Schahram Dustdar (until end 2022)

dustdar@dsg.tuwien.ac.at

TU Wien, Distributed Systems Group, Argentinierstrasse 8, 1040 Vienna. Austria

Committee: Carlo Ghezzi (to end of 2020), Manuel Hermenegildo (to end of 2021, renewable), Onur Mutlu (to end of 2021, renewable), Erol Gelenbe (to end of 2021, renewable)

B3 Physics and Engineering Sciences

Chairperson: Pavel Exner (until end of 2021, renewable)

exner@ujf.cas.cz Doppler Institute, Brehova 7, 11519, Prague, Czech Republic

Committee: Michael Peter Kennedy (until end 2020, renewable), Angela Bracco – Vice Chair (until end 2020, renewable), Maciej Ogorzalek (till end of 2020), Minh Quang Tran (till end 2020), Ursel Fantz (until end of 2021, renewable), Nasser Kalantar-Nayestanaki (to the end of 2021, renewable), Elvira Fortunato (to end of 2023, renewable), Peter Zoller (to end of 2023, renewable)

B4 Chemical Sciences

Chairperson: Graham Hutchings (to end 2022)

hutch@cf.ac.uk

Cardiff Catalysis Institute, School of Chemistry, Cardiff University Cardiff, CF10 3AT UK

Committee: from January 2014 to 2016 (renewable) - Carmen Claver, Janine Cossy, , Joachim Sauer (to be replaced during 2020 – 2022), Bert Weckhuysen (to end 2022), Valentine Ananikov (to end of 2022, renewable), Magdolina Hargittai (to end of 2022, renewable)

B5 Earth and Cosmic Sciences

Chairperson: Paolo Papale (until end 2022).

paolo.papale@ingv.it

Instituto Nazionale di Geofisica e Vulcanologia

Committee: Enric Banda (till end 2020), Tuija Pulkkinen (till end 2021), John Ludden (till end 2021), Gerald Gilmore (till 2020, renewable), Mike Burton (till end 2022, renewable), Todd Ehlers (till end 2022, renewable)

CLASS C

Class Chair, Alex Verkhratsky, Manchester, UK. <u>Alexej.Verkhratsky@manchester.ac.uk</u> Deputy Chair. Robert Zorec, Slovenia. robert.zorec@mf.uni-lj.si

C1 Biochemistry and Molecular Biology

Chairperson: Eva Kondorosi (to end of 2022, renewable)

eva.kondorosi@gmail.com

Szeged, Hungary

http://www.brc.hu/biochem symbiosis and functional genomics unit.php

Committee: Witold Filipowicz (to end 2022), Brigitte GICQUEL (to end of 2023, renewable), Annalisa PASTORE (to end of 2023, renewable), Mart SAARMA (TO END OF 2023, renewable)

C2 Cell and Developmental Biology

Chairperson: To be confirmed

Committee: Meinrad Busslinger, Carl-Henrik Heldin, Elisabetta Dejana (all to end 2021), Anne Ephrussi (to end 2021), Austin Smith (to end 2021), Christine Mummery (to end of2021, renewable)

C3 Physiology and Neuroscience

Chairperson: Tibor Harkany (Stockholm/Vienna) (To end of 2022, renewable) Medical University of Vienna Tibor.Harkany@meduniwien.ac.at

Committee: Marina Bentivoglio (till end 2020), Alfonso Araque (till end 2021), Robert Zorec Vice Chair (till end 2021), Vladimir Parpura (till end 2020), Riitta Salmelin (till end 2020), Barbara Franke (till end 2021), Dmitri Rusakov (to end 2022, renewable), Alexey Semyanov (until the end of 2023, renewable)

C4 Organismic and Evolutionary Biology

Chairperson: Christophe Thébaud (To end 2022)

christophe.thebaud@univ-tlse3.fr

UMR 5174 CNRS 'Evolution et Diversité Biologique', Université Paul Sabatier, 31 062 Toulouse cedex 4, France

Committee: Per Ahlberg (to end of 2022, renewable); Dianne Edwards (to end 2022, renewable), Andras Baldi (to end 2022, renewable); Louise Fresco (to end 2022, renewable); Mike Hassell (until end 2022, renewable). Richard Bardgett (to end 2022, renewable)

C5 Clinical and Veterinary Science

Chairperson: Stephen Holgate (To end 2021)

sth@soton.ac.uk

Sir Henry Welcome Laboratories, University of Southampton, SO16 6YD, UK

Committee: Christopher Griffiths (until end 2022), Paul Matthews (until end 2022), Richard Frackowiak (until end 2022), Peter Hegyi (until the end of 2022, renewable, deputy chair),

¹ Committees are elected by the members of the section accordance with the Regulations for Section Committees. At least 50% of the committee has to be elected by a ballot of the membership of the Section. All members of the Section are eligible to stand for election as Committee candidates. The exact procedure for rotation and elections is decided by the Committees themselves. The Chair must ensure the committees reflect a balance of representation of the fields within the Section and should ensure a regular rotation of members of the committee.

² Chairs serve a three term, renewable once only for a further three years.

³ Committee members serve a three year term that can be renewed once only for a further three year period.

^{4 (}date first term ends / date second and final term ends subject to agreement of the committee and Council)

DOCUMENT 3.1 addendum

Academia Europaea Annual report for 2020, Synopsis

The full 2020 trustees report has been compiled during the ongoing Covid-19 pandemic. As far as has been possible, the activities of the AE (including those managed out of our Regional Knowledge Hubs) have continued via online media and platforms.

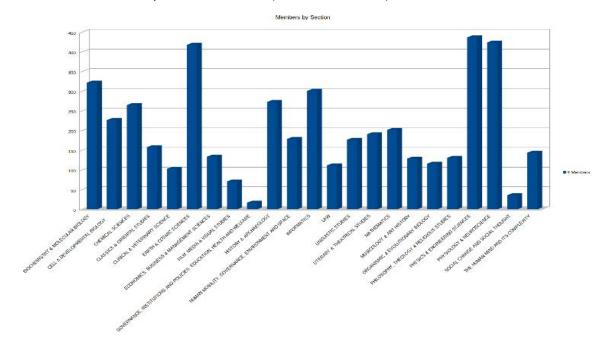
In 2019, the Board of Trustees adopted a five-year strategic plan¹ with following priorities

- To recognise and support the development of individual scholarship and scholars
- To promote excellence and deliver collective expertise and advice
- To create beneficial collaborations and partnerships
- To improve visibility, impact and trust, and
- To broaden the support base.

<u>Priority one [</u>To recognise and support the development of individual scholarship and scholars]

In 2020, the AE elected 352 new members across all disciplinary sections, so continuing the trend to meet the target and reflect the diversity (in terms of age-gender and subject) of the European community of scholars. At the end of 2020, total membership stood at 4500. Academic Section committees were renewed throughout the year to reflect the changing nature of the membership.

Members distribution by Academic Section (at the end of 2020)



¹ https://www.ae-info.org/ae/Acad Main/About us/Mission Statement

The AE prime scholarly publication – The European Review, continued to grow and develop a significant impact factor for its classification. Worldwide demand for publication space was reflected in an increase to six issues per volume. An open access sponsored supplement (with the Wenner Gren Foundations, Stockholm and the AE HERCules group²) was published³.



An agreement has been signed to provide members with a new linked journal for the life sciences – 'Biology Direct'. 4

Recognising Excellence



The **2020** Erasmus Medal⁵ was awarded to Professor Roger Penrose, the internationally noted mathematician and Physicist. The presentation of the medal and the delivery of the 2020 Erasmus Lecture will take place at the annual conference in Barcelona, October 2021.

<u>Priority 2 and 3</u> [To promote excellence and deliver collective expertise and advice] and [To create beneficial collaborations and partnerships]

The AE continued to play a major role in the European Commission funded Horizon 2020 project SAPEA⁶ [**S**cience **A**dvice for **P**olicy by **E**uropean **A**cademies]. The Cardiff Regional Knowledge Hub⁷ at Cardiff University provided the AE lead on a range of scientific advice topics that fed into the Science Advice Mechanism of the EU. Topics included a review of evidence for European food policy and an evidence review of biodegradability of plastics. Work started on a successor project - SAPEA+. This will be funded out of the Horizon Europe programme of the EU (scheduled to start in 2022).



SAIPEA

² Higher Education Research and CULture in European Society - https://www.ae-info.org/ae/Acad Main/Activities/HERCUIES

³ Open access issues – supplement S1 Mind the Gap Bridging Secondary and Higher Education Volume 28 - Symposium S1 - August 2020 - from the HERCuLES symposium of 2018. Edited by Professor Svend Erik Larsen (Aarhus) https://doi.org/10.1017/S1062798720001210

⁴ Published by Springer Nature - https://biologydirect.biomedcentral.com/

⁵ The Erasmus Medal is the highest award made by the AE. Recipients are selected following a call for nominations and a rigorous peer review process. https://www.ae-info.org/ae/Acad Main/Activities/Awards and Prizes/Erasmus Medal

⁶ https://www.sapea.info/

⁷ https://aecardiffknowledgehub.wales/

The AE Bergen Knowledge Hub will be included as a linked partner alongside the Cardiff Hub, which

will continue to take the AE lead, thus increasing the engagement of the AE and our diverse membership. The Young Academy of Europe will be a partner in the SAPEA+ consortium, coordinating a group of Young

Academies from a number of European countries.

The AE also continued to play a role in the European Academies Science Advisory Council (EASAC)⁸.

During 2020, the AE Hubert Curien New Initiatives Fund provided support for member, section and Hub focussed activities:

- Contextualising Human Diversity in Context. Published by University of Trieste Press 2020. editor -Professor Cinzia Ferrini (University of Trieste) Electronic version at: www.openstarts.units.it/handle/10077/30260
- Workshop on Observatory Synergies for Astroparticle Physics and Geoscience (in collaboration with the European Alliance for Earth Sciences - GEO.8)
- Evidence for Policymakers: An international conference on generating and sharing evidence and data for improved policymaking (Supported staff to participate) at The Hague.
- Translational Medicine project: publication of the final report, as a substantial full paper (25 pages), in the Journal of Clinical Medicine. http://aecardiffknowledgehub.wales/2020/05/22/academia-europaeaposition-paper-on-translational-medicine-published-in-leadingopen-access-journal/ and https://www.mdpi.com/2077-0383/9/5/1532 (Prof. Peter Hegyi)

The Fund supported the following member initiated proposals that were postponed because of the COVID pandemic to future dates.

- History & Archaeology Section Hosted at the Wroclaw Hub: ICONOCLASM: PAST & PRESENT ISSUES postponed to October 2021
- Class of Social and Related Sciences (Hosted at Wroclaw) event Collective Identities, Nations and Social Spheres postponed to 2021

During 2020, two new AE Regional Knowledge Hubs agreements were signed with sponsoring organisations: the Budapest Regional Knowledge Hub9, based at the Hungarian Academy of Sciences and under the Academic Directorship of Professor László Lovász (Mathematics), and the Munich Regional Knowledge Hub, based at LMU, Munich and under the Academic Directorship of Professor Don Dingwell (Earth Sciences). A continuation agreement was signed between Cardiff University and the AE, extending the Cardiff Hub mandate. All seven of the AE Regional Knowledge Hubs have their own independent programmes of activity and operate with complimentary missions.¹⁰

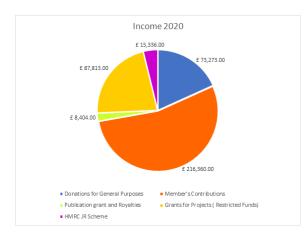
Priority 5 [Broaden the support base]

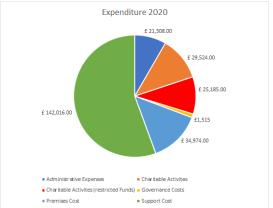
Despite the impact of a COVID lockdown period and the temporary "furlough" of a staff member, the AE was able to maintain a healthy financial position during 2020. The Hon. Treasurer established a sponsorship sub-committee. Current sponsorship policies and plans were reviewed as a prelude to developing a new strategy for income generation.

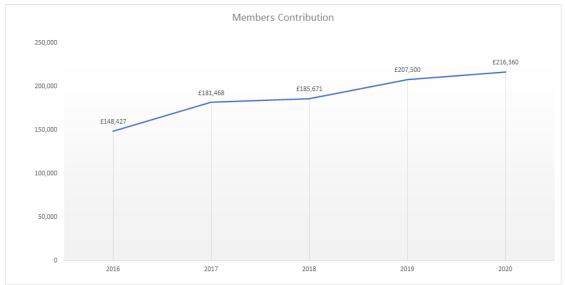
⁸ https://easac.eu/

⁹ https://www.ae-info.org/ae/Acad Main/Budapest Knowledge Hub

¹⁰ https://www.ae-info.org/ae/Acad Main/About us/Knowledge Hubs and Offices







Other priorities

Due to the COVID restrictions, a number of our 2020 planned developments were put on hold. The Trustees have been considering a major proposal to launch an Academia Europaea College of Excellence scheme (AE Professors scheme) and a regional AE champions (Ambassadors) scheme, now delayed to 2022. Similarly, dedicated Class meetings focussed on new members will now be held virtually during late 2021, as an integral part of an online annual conference, which reflects the ongoing COVID-19 situation.

Readers can find the full 2020 trustees (activity) report and the individual Hub annual reports at www.ae-info.org. The individual Regional Knowledge Hub reports are on their own websites. The full 2020 independently examined accounts and financial statements are at www.ae-info.org. These reports have been filed with the relevant authorities in the UK (Companies House and the Charity Commission for England and Wales).

AE Annual Business Meeting, 21st October, 2021. DOCUMENT 3.2

Company Registered number 07028223

Charity Registered number 1133902

THE ACADEMIA EUROPAEA (THE ACADEMY OF EUROPE)

Report and Financial Statements

31 December 2020

Keith Vaudrey & Co Ltd Chartered Certified Accountants 51 Marloes Road London, W8 6LA

THE ACADEMIA EUROPAEA (THE ACADEMY OF EUROPE) Report and accounts Contents

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THE ACADEMIA EUROPAEA (THE ACADEMY OF EUROPE) Company Information

Directors

Professor Dr Sierd Auke Pieter Leonard Cloetingh

Professor Theo D'Haen

Professor Eva Kondorosi

Professor Ole Holger Petersen

Professor Donald Dingwell

Professor Kirsten Drotner (resigned on 31 December 2020)

Professor Dagmar Coester-Waltjen (resigned on 31 December 2020)

Professor Alain Peyraube (resigned on 31 December 2020)

Professor Genoveva Marti

Professor Bjorn Wittrock

Professor Veljko Milutinovic (resigned on 20 October 2020)

Professor Paul Holm (appointed on 01 January 2020)

Dr Oskar Mencer (appointed on 20 October 2020)

Professor Eystein Jansen (appointed on 01 January 2021)

Professor Marja Tertu Makarow (appointed on 01 January 2021)

Secretary

Dr David Coates

Examinor of accounts

Keith Vaudrey & Co Ltd Chartered Certified Accountants 51 Marloes Road London W8 6I A

Bankers

CAF Bank Ltd 25 Kings Hill Avenue West Mailing Kent ME19 4JQ

Natwest Bank PLC Piccadilly & New Bond Street Branch 63 - 65 Piccadilly London W1J 0AJ

Solicitors

Hewitson Becke + Shaw Shakespeare House 42, Newmarket Road Cambridge CB5 8EP

Registered office

Room 251 Senate House Malet Street London WC1E 7HU

Company Registered number

07028223

Charity Registered number

1133902

THE ACADEMIA EUROPAEA (THE ACADEMY OF EUROPE)

Registered number: 07028223

Directors' Report

The trustees (who for company law purposes are the Directors) present their report and financial statements for the year ended 31 December 2020.

Principal activities

The company's principal activity during the year continued to be the promotion of International scholarship, research, provision of training in higher education. Some of the aims of the organisation are to make recommendations to national governments, international agencies concerning matters affecting science, scholarship and academic life in Europe. Also, encouraging interdisciplinary and international research in all areas of learning.

Directors

The following persons served as trustees/ directors during the year:

Professor Dr Sierd Auke Pieter Leonard Cloetingh

Professor Theo D'Haen

Professor Eva Kondorosi

Professor Ole Holger Petersen

Professor Donald Dingwell

Professor Kirsten Drotner (resigned on 31 December 2020)

Professor Dagmar Coester-Waltjen (resigned on 31 December 2020)

Professor Alain Peyraube (resigned on 31 December 2020)

Professor Genoveva Marti

Professor Bjorn Wittrock

Professor Veljko Milutinovic (resigned on 20 October 2020)

Professor Paul Holm (appointed on 01 January 2020)

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Professor Eystein Jansen (appointed on 01 January 2021)

Professor Marja Tertu Makarow (appointed on 01 January 2021)

Disclosure of information to independent examiner:

Each person who was a trustee at the time this report was approved confirms that:

- so far as he is aware, there is no relevant information of which the company's independent examiner is unaware; and
- he has taken all the steps that he ought to have taken as a trustee in order to make himself aware of any relevant information and to establish that the company's independent examiner is aware of that information.
- the incoming resources is less than £1 million and that an audit is not required per SORP 2015 and FRS102. Based on the articles of association section 53, an examiner of accounts can examine the accounts.

This report was approved by the board on 7 May 2021 and signed on its behalf.

Professor Dr Sierd Auke Pieter Leonard Cloetingh

President

THE ACADEMIA EUROPAEA (THE ACADEMY OF EUROPE) Statement of Trustees' Responsibilities

The trustees (who are also the directors of The Academia Europaea for the purposes of company law) are responsible for preparing the Trustees' Report and the financial statements in accordance with applicable law and United Kingdom Accounting Standards (United Kingdom Generally Accepted Accounting Practice).

Company law requires the trustees to prepare financial statements for each financial year. Under that law the trustees have elected to prepare the financial statements in accordance with United Kingdom Generally Accepted Accounting Practice (Financial Reporting Standard 102 and applicable law). Under company law the trustees must not approve the financial statements unless they are satisfied that they give a true and fair view of the state of affairs of the company and of the profit or loss of the company for that period. In preparing these financial statements, the directors are required to:

- select suitable accounting policies and then apply them consistently;
- observe the methods and principles in the Charities SORP;
- make judgements and estimates that are reasonable and prudent;
- state whether applicable UK Accounting Standards have been followed, subject to any material departures disclosed and explained in the financial statements;
- prepare the financial statements on the going concern basis unless it is inappropriate to presume that the company will continue in business.

The trustees are responsible for keeping adequate accounting records that are sufficient to show and explain the company's transactions and disclose with reasonable accuracy at any time the financial position of the company and enable them to ensure that the financial statements comply with the Companies Act 2006. They are also responsible for safeguarding the assets of the company and hence for taking reasonable steps for the prevention and detection of fraud and other irregularities.

In so far as the trustees are aware:

- there is no relevant information of which the charitable company's examiner of accounts is unaware: and
 - the trustees have taken all steps that they ought to have taken to make themselves aware of
- any relevant information and to establish that the examiner of account is aware of that information.

The trustees are responsible for the maintenance and integrity of the corporate and financial information included on the charitable company's website. Legislation in the United Kingdom governing the preparation and dissemination of financial statements may differ from legislation in other jurisdictions.

THE ACADEMIA EUROPAEA (THE ACADEMY OF EUROPE)

Report of the Independent Examiner to the Trustees of the charitable company on the accounts for the year ended 31 December 2020

I report to the Trustees on my examination of the financial statements of the charitable company on pages 6 to 9 for the year ended 31 December 2020 which have been prepared in accordance with the Charities Act 2011 (the Act) and with the Financial Reporting Standard 102, (effective 1st January 2016) as modified by FRS 102 SORP (Statement of Recommended Practice for Accounting and Reporting by Charities) 2015, (as amended by the Bulletin issued in February 2016), (The SORP), published by the Charity Commission in England & Wales (CCEW), and under the historical cost convention and the accounting policies set out on page 19.

Respective responsibilities of the Trustees and the Independent Examiner and the basis of the report

As described on page 3, you, the charitable company's Trustees, who are also the Directors of the Company for the purposes of Company law, are responsible for the preparation of the financial statements in accordance with the Companies Act 2006, the Charities Act 2011 and all other applicable law and with United Kingdom Generally Accepted Accounting Practice, applicable to smaller entities, and for being satisfied that the financial statements give a true and fair view.

The Trustees consider that the audit requirement of Section 144(1) of the Charities Act 2011 (the Act) does not apply, and that there is no requirement in the memorandum and articles of the charity for the conducting of an audit, and that the accounts do not require an audit in accordance with Part 16 of the Companies Act 2006 and that no member or members have requested an audit pursuant to Section 476 of the Companies Act 2006. As a consequence, the Trustees have elected that the financial statements be subject to independent examination.

Having satisfied myself that the financial statements are not required to be audited under any legal provision, or otherwise, and are eligible for independent examination, it is my responsibility to:-

- a) examine the financial statements of the charity under Section 145 of the Act;
- b) follow the applicable procedures in the Directions given by the Charity Commission under section 145(5)(b) of the Act.

Basis of Independent Examiner's Statement and scope of work undertaken

Since the charitable company's gross income exceeded £250,000, the charitable company's examiner must be a member of a body listed in section 145 of the Act. I confirm that I am qualified to undertake the examination because I am an authorised member of Chartered Certified Accountants, which is one of the listed bodies.

I report in respect of my examination of the charity's financial statements carried out under s145 of the Act. In carrying out my examination, I have followed all the applicable Directions given by the Charity Commission under section 145(5)(b) of the Act setting out the duties of an independent examiner in relation to the conducting of an independent examination. An independent examination includes a review of the accounting records kept by the charitable company and of the accounting systems employed by the charitable company and a comparison of the financial statements presented with those records. It also includes consideration of any unusual items or disclosures in the financial statements, and seeking explanations from you, as Trustees, concerning such matters. The purpose of the examination is to establish as far as possible that there have been no breaches of charity legislation and that, on a test basis of evidence relevant to the amounts and disclosures made, the financial statements comply with the SORP.

The procedures undertaken do not provide all the evidence that would be required in an audit, and information supplied by the Trustees in the course of the examination is not subjected to audit tests or enquiries and does not cover all the matters that an auditor would consider in arriving at an opinion. The planning and conduct of an audit goes beyond the limited assurance that an independent examination can provide

Consequently, I do not express an audit opinion on the view given by the financial statements, and in particular, I express no opinion as to whether the financial statements give a true and fair view of the affairs of the charity, and my report is limited to the matters set out in the statement below.

I planned and performed my examination so as to satisfy myself that the objectives of the independent examination are achieved and before finalising the report I obtained written assurances from the Trustees of all material matters.

Independent Examiner's Statement, Report and Opinion

Subject to the limitations upon the scope of my work as detailed above, I have completed my examination: and can confirm that:-

The accounts of this charitable company are not required to be audited under Part 16 of the Companies Act 2006;

This is a report in respect of an examination carried out under 145 of the Act and in accordance with Directions given by the Charity Commission under section 145(5)(b) of the Act which may be applicable;

and that no material matters have come to my attention in connection with the examination giving me cause to believe that in any material respect:-

- accounting records were not kept in respect of the charity as required by Section 386 of the Companies Act 2006 and Section 130 of The Charities Act 2011:
- the financial statements do not accord with those records; or

the financial statements do not comply with the applicable requirements concerning the form and content of
accounts set out in section 396 of the Companies Act 2006 other than any requirement that the accounts give a
'true and fair' view, which is not a matter considered as part of an independent examination;

have not been prepared in accordance with the methods and principles set out in the FRS 102 SORP (Statement of Recommended Practice for Accounting and Reporting by Charities) 2015, (as amended by the Bulletin issued in February 2016), (The SORP).

I have no concerns and have come across no other matters in connection with the examination to which attention should be drawn in this report in order to enable a proper understanding of the financial statements to be reached.

Signed:-

Rakesh Madhub FCCA - Independent Examiner Keith Vaudrey & Co Ltd Chartered Certified Accountants 51 Marloes Road London W8 6LA

This report was signed on 14 May 2021

THE ACADEMIA EUROPAEA (THE ACADEMY OF EUROPE) Statement of Financial Activities for the year ended 31 December 2020

	Notes	Unrestricted Funds 2020 £	Restricted Funds 2020 £	Total Funds 2020 £	Total Funds 2019	Unrestricted Funds 2019 £	Restricted Funds 2019 £
Income from:		£	£	£	£	£	L
Members' contributions		216,360	_	216,360	207,500	207,500	
Donations	2	73,273	-	73,273	72,471	72,471	
Publication grant and royalties	3	8,404	-	8,404	14,616	14,616	
HMRC JR Scheme		15,336	-	15,336	-	-	
Interest receivable		37	-	37	56	56	
Grants for projects	4		87,813	87,813	26,394	-	26,394
Total income		313,410	87,813	401,223	321,037	294,643	26,394
Expenditure on:							
Administrative expenses	5	21,308	-	21,308	36,190	36,190	-
Charitable activities	6	29,524	25,185	54,709	293,177	99,748	193,429
Governance cost	7	1,515	-	1,515	1,320	1,320	-
Premises cost	8	34,974	-	34,974	28,552	28,552	
Support cost	9	142,016	-	142,016	144,027	144,027	
Total expenditure		229,337	25,185	254,522	503,266	309,837	193,429
Net income/(expenditure) for the year		84,073	62,628	146,701	(182,229)	(15,194)	(167,035)
Transfers between funds		(5,883)	5,883	_	_	1,664	(1,664)
Foreign exchange gains/ (losses)		31,603		31,603	(22,098)	(22,098)	
Net movement in funds		109,793	68,511	178,304	(204,327)	(35,628)	(168,699)
Reconciliation of funds:-							
Total funds brought forward		28,776	76,466	105,242	309,569	64,404	245,165
Total funds carried forward		138,569	144,977	283,546	105,242	28,776	76,466

Statement of total recognised gains and losses

The charity has no recognised gains or losses other than those shown above and therefore no separate statement of total gains and losses has been prepared.

THE ACADEMIA EUROPAEA (THE ACADEMY OF EUROPE) Balance Sheet as at 31 December 2020

N	otes		2020 £		2019 £
Fixed assets Tangible assets	12		3,560		4,746
Current assets Debtors Cash at bank and in hand	13	3,013 642,990 646,003		2,981 485,432 488,413	
Creditors: amounts falling due within one year	14	(366,017)		(387,917)	
Net current assets			279,986		100,496
Total assets less current liabilities			283,546	_	105,242
Net assets		-	283,546	_	105,242
Funds and reserves General funds Restricted funds	15		138,569 144,977		28,776 76,466
Total funds			283,546	_	105,242

The directors are satisfied that the company is entitled to exemption from the requirement to obtain an audit under section 477 of the Companies Act 2006.

The members have not required the company to obtain an audit in accordance with section 476 of the Act.

The directors acknowledge their responsibilities for complying with the requirements of the Companies Act 2006 with respect to accounting records and the preparation of accounts.

The charity is subject to Independent Examination under charity legislation, and the report of the Independent Examiner is on page 4.

The financial statements were approved by the board of trustees on 7 May 2021 and signed on its behalf by:

Professor Dr Sierd Auke Pieter Leonard Cloetingh President

THE ACADEMIA EUROPAEA (THE ACADEMY OF EUROPE) Statement of Cash Flows for the year ended 31 December 2020

	2020 £	2019 £
Operating activities	£	£
Profit/(loss) for the financial year	178,304	(204,327)
Adjustments for:		
Interest receivable	(37)	(56)
Depreciation	1,186 [°]	1,585 [°]
(Increase)/decrease in debtors	(32)	2,455
(Decrease)/increase in creditors	(21,900)	295,395
	157,521	95,052
Interest received	37	56
Cash generated by operating activities	157,558	95,108
Not each generated		
Net cash generated Cash generated by operating activities	157,558	95,108
Net cash generated	157,558	95,108
Cash and cash equivalents at 1 January	485,432	390,324
Cash and cash equivalents at 31 December	642,990	485,432
Cash and cash equivalents comprise:		
Cash at bank	642,990	485,432

THE ACADEMIA EUROPAEA (THE ACADEMY OF EUROPE) Notes to the accounts

for the year ended 31 December 2020

1 Accounting policies

Basis of preparation and assessment of going concern

The accounts have been prepared on the accruals basis, under the historical cost convention, and in accordance with the Financial Reporting Standard 102, (effective 1st January 2016) and 'FRS 102 SORP (Statement of Recommended Practice for Accounting and Reporting by Charities) 2015, (as amended by the Bulletin issued in February 2016), (The SORP), published by the Charity Commission in England & Wales (CCEW), effective January 2016, and in accordance with all applicable law in the charity's jurisdiction of registration, except that the charity has prepared the financial statements in accordance with the FRS 102 SORP (Statement of Recommended Practice for Accounting and Reporting by Charities) 2015, (as amended by the Bulletin issued in February 2016), (The SORP), in preference to the previous SORP, the SORP 2005, which has been withdrawn, notwithstanding the fact that the extant statutory regulations, the Charities (Accounts and Reports) Regulations 2008 refer explicitly to the SORP 2005. This has been done to accord with current best practice.

The incorporated charity constitutes a public benefit entity as defined by FRS 102 SORP.

Income

Income, whether from exchange or non exchange transactions, is recognised in the statement of financial activities (SOFA) on a receivable basis, when a transaction or other event results in an increase in the charity's assets or a reduction in its liabilities and only when the charity has legal entitlement, the income is probable and can be measured reliably.

Income subject to terms and conditions which must be met before the charity is entitled to the resources is not recognised until the conditions have been met.

All income is accounted for gross, before deducting any related fees or costs.

With the exception of members contributions and donations all income is credited to the statement of financial activities on an accruals basis.

Members contributions and donations are credited to the statement of financial activities in the year in which they are received.

Income received from lifetime membership are credited to the Statement of Financial Activities over ten years.

Membership subscriptions

The income and any associated Gift Aid or other tax refund from a membership subscription received by the charity in the nature of a gift, is accounted for on the same basis as a donation.

The income from a membership subscription received by the charity where the subscription purchases the right to services or benefits is recognised as income from charitable activities.

Cost allocation

Direct charitable expenditure includes all expenditure incurred on activities conducted in pursuance of Academia Europaea's objectives. Staff costs, premises overheads and other costs are apportioned on the basis of percentage time spent on charitable activities, fundraising and publicity, and management and administration. Irrecoverable VAT is included in the items of expenditure to which it relates.

Operating leases

Rentals and service charges paid under operating leases for office premises and equipment charged to Resources Expended in the Statement of Financial Activities as incurred.

Contributions from third parties

Several of Academia Europaea's activities are supported or partially supported by contributions from third parties paid directly to local organisers. These funds were previously included in the accounts. The hubs' funds that have not passed through the Academia's books were excluded in the accounts. Per The Academia Europaea's new policy, the hubs' financial records were not to be included in the Statement of Financial Activities. The hubs are not subsidiaries or branches of The Academia Europaea and it is not necessary to produce consolidated accounts.

However, while the substance of these activities remains under the Academia's direct control, the local organisers and sponsors have autonomous responsibility for making contributions which may be in cash or in kind and cannot be reasonably included in the Statement of Financial Activities.

Fixed assets and depreciation

Depreciation is provided on all tangible fixed assets at rates calculated to write off the cost, less estimated residual value, of each asset over its expected useful life, as follows:

Office furniture and equipment Computer equipment

10 % per annum using the Straight line method 25 % per annum using reducing balance method.

London Secretariat charges

Much of the London Secretariat's time is spent organising and assisting plenary meetings, projects and study groups. It is the policy of Academia Europaea that, where possible, these administration costs be recovered from these activities.

Foreign currency transactions

Transactions in foreign currencies are translated into sterling at the rate of exchange ruling at the date of the transaction. Assets and liabilities in foreign currency are translated into sterling at the rate of exchange ruling on the balance sheet date.

Liability to taxation

The Trustees consider that the charity satisfies the tests set out in Paragraph 1 Schedule 6 of the Finance Act 2010 for UK corporation tax purposes. Accordingly, the Charity is potentially exempt from taxation in respect of income or capital gains received within categories covered by chapter 3 part 11 of the Corporation Tax Act 2010 or Section 256 of the Taxation of Chargeable Gains Act 1992, to the extent that such income or gains are applied exclusively on the specific charitable objects of the charity and for no other purpose. Value Added Tax is not recoverable by the charity, and is therefore included in the relevant costs in the Statement of Financial Activities.

Pensions - defined contribution schemes

The charity operates a defined contribution pension scheme. Contributions are charged to the profit and loss account as they become payable in accordance with the rules of the scheme.

Funds

Restricted funds are set up from grants and contributions given to Academia Europaea, the use of which is restricted as to the purpose and conditions imposed by the donors. None of these funds has any permanent endowed capital.

Unrestricted funds represent accumulated surpluses and deficits in the statement of financial activities which are available for use at the discretion of Academia Europaea's operations and activities. The Board may set aside amounts to be designated for specific uses or purposes.

The unrestricted funds comprise the general fund and are available for use at the discretion of the trustees in furtherance of the general objectives of the charity.

2 DONATIONS FOR GENERAL PURPOSES

Institut D'Estudis Catalans (Spain) 42,325	2019 £ 22,849
Deutsche Akademie der Naturforscher Leopoldina 21,939 Institut D'Estudis Catalans (Spain) 42,325	22,849
Institut D'Estudis Catalans (Spain) 42,325	,
	40.000
	42,828
SAPEA Contribution to costs 9,009	6,794
73,273	72,471
3 PUBLICATIONS AND ROYALTIES	
2020	2019
£	£
Cambridge Uni Press - Editorial Grant 3,000	9,000
Cambridge Uni Press - Royalties 5,404	5,616
8,404	14,616
4 GRANTS AND RECEIPTS FOR PROJECTS	
2020	2019
£	£
European Policy Project (SAPEA) 87,813	-
Heinz Nixdorf Stiftung (Germany) -	4,459
	21,935
	26,394

5	ADMINISTRATIVE EXPENSES	Unrestricted General Fund	Restricted Projects Fund	2020 Total Costs		Unrestricted General Fund	Restricted Projects Fund
		£	f	£	£	£	£
	Hub services	2,828	-	2,828	16,068	16,068	-
	Mailing costs	3,603	-	3,603	3,602	3,602	-
	Membership and subscriptions	7,570	-	7,570	352	352	-
	Postage	9	-	9	36	36	-
	Stationery and printing	273	-	273	5,824	5,824	-
	Sundry expenses	580	-	580	809	809	-
	Bank charges	5,259	-	5,259	7,914	7,914	-
	Depreciation	1,186	-	1,186	1,585	1,585	-
		21,308	-	21,308	36,190	36,190	

6	CHARITABLE ACTIVITIES		Unrestricted	Restricted			Unrestricted
			General	Projects	2020	2019	General
		Note	Fund	Fund	Total Costs	Total Costs	Fund
			£	£		£	£
	Class Meeting A1,A2, B & C		227	-	227	9,645	9,645
	Conferences		12,206	-	12,206	928	928
	Council & subcommmittees		3,082	-	3,082	45,855	45,855
	European Review		5,598	-	5,598	5,000	5,000
	Hubert Curien Fund		7.040	-	7.040	21,369	21,369
	Membership & information services		7,343	-	7,343	6,668	6,668
	Other publication Prizes		738	-	738	2,756	2,756
	Relations with other bodies		730 330	-	330	- 7,527	- 7,527
	Adam Kondorosi Award		330	-	330	1,732	1,521
	European Policy Project - SAPEA	10	_	24,491	24,491	186,068	-
	Heinz Nixdorf Stiftung (Germany)	10	-	694	694	2,795	-
	Riksbankens Jubileumsfond (Sweden)		_	-	-	2,834	_
	Triksbankens subheumsiona (Gweden)		29,524	25,185	54,709	293,177	99.748
			20,02	20,100	0.,.00	200,	33,7.13
_							
7	GOVERNANCE COSTS	(Unrestricte	d Fund)			2020 £	2019 £
	Board of trustees					155	-
	Independent examiner fees					1,320	1,320
	Other Legal and professional costs					40	-,020
	Outor Logar and protocolonal coole					1,515	1,320
						,-	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
•	-	41					0040
8	Premises cost	(Unrestricte	a Funa)			2020 £	2019
	Rent					-	£
	Office Insurance					34,054 920	27,642
	Office insurance					34,974	910 28,552
						04,014	20,002
9	Support cost	(Unrestricte	d Fund)			2020	2019
		Note				£	£
	Accountancy fees					11,817	10,237
	IT Services					27,584	34,397
	Telephone					1,397	1,732
	Staff Costs	11				100,684	96,312
	Travel and subsistence						30
	Software					534	1,319
						142,016	144,027
10	European Policy Project - SAPEA					2020	2019
						£	£
	EU Project - Cardiff					-	147,159
	EU Project - SAPEA - Work Package 1					9,445	10,589
	EU Project - SAPEA - Work Package 2					15,037	24,783
	EU Project - SAPEA - Work Package 3	3				-	756
	EU Project - SAPEA - Work Package 6	5				9	2,781
						24,491	186,068
11	STAFF COSTS					2020	2019
						£	£
	Staff salaries					91,216	85,526
	Employer's NI					5,799	6,847
	Pensions					3,669	3,939
	Total Staff Costs - UK					100,684	96,312
	The average number of persons, analy	sed by function	on, employed by	Academia Euro	opaea in the Uk	C during the	
	period was:						
	Charitable activities					2020	2019
	Charitable activities					1	1

Restricted Projects Fund

> 1,732 186,068 2,795 2,834 193,429

£

No trustee received any remuneration in respect of their services in the year (2019 - £Nil)

Management and administration

No employee received earnings in excess of £60,000 per annum in the current or previous periods.

The charity operates a defined contribution pension scheme. The assets of the scheme are held separately from those of the charity in independently administered funds.

Any liabilites and assets associated with the scheme are shown under debtors and creditors.

12 Tangible fixed assets

12 Taliglisto IXXX accesso	Computer Equipment £	Office Furniture and Equipment £	Total £
COST			
At 1 January 2020	17,256	6,777	24,033
At 31 December 2020	17,256	6,777	24,033
ACCUMULATED DEPRECIATION			
At 1 January 2020	12,510	6,777	19,287
Charge for the year	1,186	-	1,186
At 31 December 2020	13,696	6,777	20,473
NET BOOK VALUE			
At 31 December 2020	3,560	-	3,560
At 31 December 2019	4,746		4,746
13 Debtors		2020 £	2019 £
Prepayments		3,013	2,981
14 Creditors			
		2020	2019
		£	£
Accruals		257,431	289,892
Other taxes and social security costs		2,262	-
Deferred income		106,324	98,025
		366,017	387,917

15 Restricted Funds

resulted Fulles	Opening Balance £	Incoming Resources £	Outgoing Resources £	Transfers £	Closing Balance £
Riksbankens Jubileumsfond (Sweden)	19,101	-	-	_	19,101
European Policy Project - SAPEA	37,428	87,813	(24,491)	-	100,750
Adam Kondorosi Award	19,937	-	-	5,189	25,126
Heinz Nixdorf Stiftung (Germany)	-	-	(694)	694	-
	76,466	87,813	(25,185)	5,883	144,977

The Wroclaw Summer schools fund is provided by a grant from the Riksbankens Jubileumsfonds.

European Policy Project, SAPEA, are the funds allocated for the preparation of the European Policy project.

Adam Kondorosi Award is an award which will provide recognition to a young emerging scholar, in the field of plant biology, especially nitrogen fixation biology and microbiology.

Heinz Nixdorf sponsors the annual Erasmus award.

The sum was transferred from unrestricted funds to restricted funds to finace this year's project.

16 Related Party Transactions

The total amount refunded to the trustees/ directors regarding travel and subsistence for meetings, events for the year amounted to £5,105 (2019 - £14,314).

17 Ultimate controlling party

The charity is under the control of its legal members.

Every member of the charity is obliged to contribute such amount as may be required not exceeding £1 to the assets of the company in the event of its being wound up while he or she is a member, or within one year after he or she ceases to be a member.

Honorary Treasurer's Report for the year ended 31 December 2020

Dear Members.

This reporting period reflects the impact of the global COVID-19 pandemic. All meetings and events were postponed and the 2020 AGM and annual conference cancelled. The London office was locked down for a period of months and the Executive Secretary continued to work remotely and from summer physically at the office premises where necessary. The office manager was put into the UK government 'furlough 'scheme during the compulsory lockdown period. Furlough continued part-time for the whole of 2020 (and for six months into 2021). The AE received financial compensation from the government during this time. Despite this, the AE continued to operate its member nomination and election process and this provided additional income from new members during 2020. The lack of sponsored events also contributed positively to the financial position of the AE for the year. A valuable increase in member donations had been received over the year. SAPEA activity continued virtually. The European Review continued to be published and generated some royalty income.

The net result as expressed in the detailed annual accounts for 2020 (tabled and available online), was an unrestricted funds reserve carried forward to 2021 of £138,569 (equivalent to €153,442 at 1 January 2021)

The Trustees confirm that suitable accounting policies have been used and applied consistently and that reasonable and prudent judgements and estimates have been made in the preparation of the financial statements for the year 1 January 2020 - 31 December 2020. The Trustees also confirm that applicable accounting standards have been followed and that the financial statements have been prepared on the going concern basis. The assets are available and adequate to fulfil obligations on a fund - by - fund basis.

The Academia is required by UK law to present its accounts in sterling. A version expressed in Euros could be prepared by converting the figures at the exchange rate for a particular date, but this would not be accurate since transactions are spread across the financial year, during which a range of exchange rates have existed. Any significant foreign exchange impacts are described in the notes to the accounts. The full accounts have been published separately to this summary report tabled for members at the 2021 AGM.

Reserves policy

The total funds for the year ended 31 December 2020 was £283,546 [YE 31 December 2019, £105,242]. It is the policy of the trustees to maintain sufficient reserves for the Academia Europaea to continue its charitable activities and in view of this, the trustees aim to achieve reserves equal to approximately six months of operations. A review of reserves policy will be undertaken every year.

Income and expenditure for the period ended 31 December 2020 (summary overview)

The year was one of continuing progress towards stability. The COVID-19 pandemic and a period of office lockdown, suspension of planned activities over the year all had an impact on the financial position of the AE. Our total income for the year was £401,223 (equivalent to €444,287 at 1 January 2021). Total expenditure was £254,522 (equivalent to €281,840 at 1 January 2021)

The balance of funds brought forward to 2020 from 2019 was £105,242 (Equivalent to €116,538 at 1 January 2020) In addition to normal income and expenditure, the accounts also reflect income and expenditures associated to the European Commission SAPEA grant. The AE benefits from overhead associated with our involvement in this project activity. The figures also include subsidies received from the UK government (during 2020) in support of the COVID-19 lockdown and the furlough of one member of AE staff at the London office.

The AE as a charity, seeks to operate an effective zero balance budget. We are essentially dependent upon members' donation income, in 2020 this was at £216,360 (equivalent to €239,582 at 1 January 2021) and life membership payments totalled £20,113. This represented a positive increase over previous years.

The Trustees stress to all members, the importance of supporting the Academia by making a donation every year, preferably at the recommended level. Without more members making a payment, the AE will not be able to grow the range and type of activity and support for member initiatives that we need to deliver our obligations as a charity.

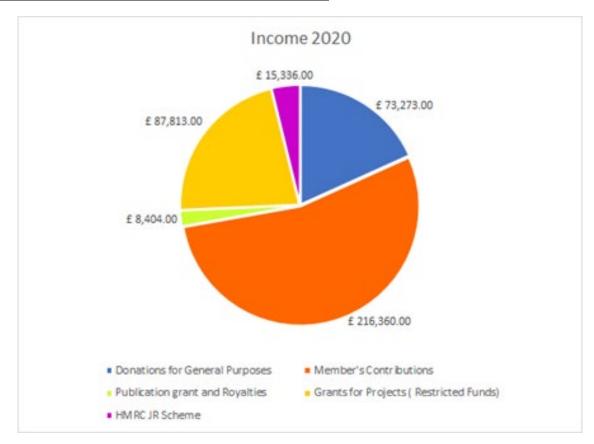
Whilst a voluntary scheme remains our policy, the Trustees reviewed this policy and decided to levy a recommended general fee rate, linked to an age-related banding for annual donations, per member.

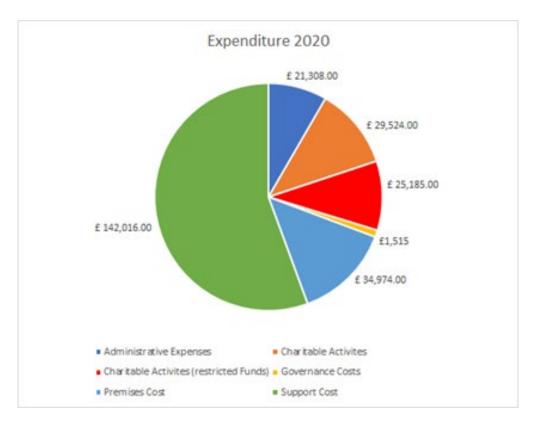
Sponsorship continued to be successful for individual activity, and we thank the Wenner Gren Foundations (Sweden), The Heinz-Nixdorf Foundation (Germany), The Balzan Foundation (Switzerland) and for their support and the support of other sponsors, especially the Caixa Foundation (Barcelona) and our Patron member The German Academy of Sciences (Leopoldina). The Board continued to recognise the ongoing difficulty in obtaining core financial support from public and private institutions and established a Finance and Sponsorship subcommittee to manage these developments. AS treasurer, I would welcome suggestions from any members on ways in which we might increase our non-member income over the coming years

The examiner's accounts for 2020 are filed separately and can be viewed through the Academia Europaea website; the UK government Companies House and the Charities Commission of England and Wales websites respectively.

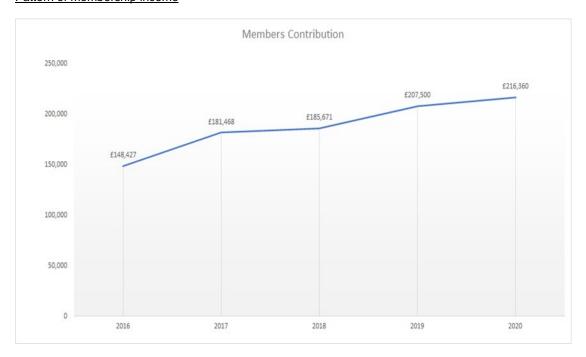
I am pleased to report that the AE finances are in a stable position

Graphical representation of income and expenditures for 2020





Pattern of membership income



Oskar Mencer

Honorary Treasurer (pro tem)

London

September 2021

The Board of trustees propose the following motion in relation to an age-related scale for annual membership fees. 2022.

Motion

"Members are asked to approve the trustees recommendation, for an annual, [voluntary] contribution based on an age-related scale, and effective from January 1st 2022. As follows:

Ordinary members

Members up to and including 65 years of age: 150 Euro

Members 66 - 75 years of age: 95 Euro

Foreign members: 95 Euro

Members over 75: Voluntary donations are welcomed but they are optional

In addition.

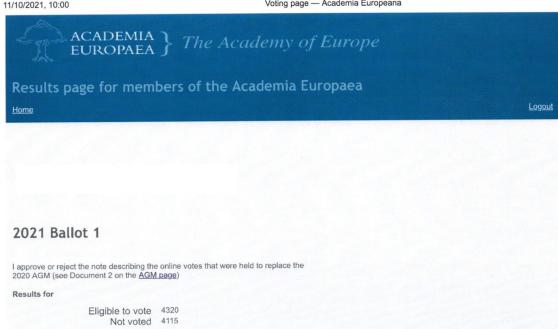
The Members are asked to approve an establishment fee for all new (2022) members of 150 Euros, irrespective of age at the time of their acceptance of membership."

AGM 2021 21st October - Barcelona

Outcome of online Ballots of members

The following motions were tabled for an online vote of all members between 6-10 October, 2021.

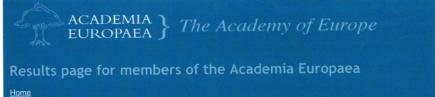




11/10/2021, 10:00

Voting page — Academia Europeana

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2021 Ballot 2

I accept or reject the following motion. "I approve the adoption of the 2020 trustees (activity) report" (see Document 3.1 on the <u>AGM page</u>)

Lapprove 205 I reject 0

Results for

Eligible to vote 4320 Not voted 4119 I approve 199 I reject 2



Results page for members of the Academia Europaea

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2021 Ballot 3

I accept or reject the following motion "I approve the adoption of the 2020 Academia Europaea accounts" (see Document 3.2 on the <u>AGM page</u>)

Results for

Eligible to vote 4320 Not voted 4126 I approve 193 I reject 1

11/10/2021, 10:01

Voting page — Academia Europeana



Results page for members of the Academia Europaea

<u>Home</u>

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2021 Ballot 4

I approve or reject the re-appointment of Messrs Keith Vaudrey and Co Ltd as examiners of the accounts of the Academia Europaea (no document)

Results for

Eligible to vote 4320 Not voted 4128 I approve 192 I reject 0



Results page for members of the Academia Europaea

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2021 Ballot 5

l approve or reject the following motion "I agree to the Board proposal for member subscriptions (donations) for 2022 as set out". (see document 3.2.2 on the <u>AGM page</u>)

Results for

Eligible to vote 4320 Not voted 4132 I approve 175 I reject 13