

Academia Europaea 13th Annual Scientific Meeting

14 – 16 June 2001, Rotterdam, Netherlands – Science and Language

Wednesday 13 June

18.00 – 20.00 Board Meeting, Erasmus University (EUR) Faculty Club

Thursday 14 June

09.00 – 11.00 Programme Sub-Committee Meeting, EUR Faculty Club

11.00 – 13.00 Council Meeting, EUR Faculty Club

14.00 – onwards Registration, EUR Congress Centre

15.00 – 16.00 Section Meetings, EUR Congress Centre

16.00 – 17.00 Annual Business Meeting for members, EUR Congress Centre

Bus transport to:

18.00 – 19.30

Opening Ceremony, Rotterdam Town Hall

Chair: Stig Strömholm, President of the Academia Europaea

Welcoming addresses from: Rob Reneman, President of Royal Netherlands Academy of Arts and Sciences

Ivo Opstelten, Mayor of Rotterdam

Jan van Bommel, Rector Magnificus EUR

Loek Hermans, Minister of Education

Welcome to new members of the Academia Europaea

Welcome to the Burgen Scholars

Erasmus Lecture: by Edoardo Boncinelli, Milan “Brain and Mind Today”

19.30 – 21.00

Welcoming Reception

Return to hotels by public transport.

Friday 15 June All Symposia at the EU Congress Centre

09.00 – onwards Registration

09.00 – 12.30 **Symposium I – Linguistics**

Convenors: Harm Pinkster, Amsterdam

Anna Siewierska, Lancaster

Speakers:

Johan van Benthem, Amsterdam/Stanford “Language and logic”

Elizabeth Traugott, Stanford “Origin of language changes”

Anne Cutler, Nijmegen “Child-language”

14.00 – 17.30

Symposium II – Special Languages

Convenor:

Ben Veltman

Speakers:

Marcel Andre, Las Palmas “Acoustic Message Communication between Dolphins”

Anne Baker, Amsterdam “Sign Phonologies for the deaf and the mute”

Speaker to be announced “Man-machine interaction”

Speaker to be announced “How to keep your message secret”

Mini-symposium (in parallel)

14.00 – 17.30

Physiology & Medicine: “Regulation of Membrane Transport”

Organised by:

Ole Petersen, Liverpool

Speakers:

Ole Petersen, Liverpool “Cellular Calcium Transport”

Bernd Nilius, Leuven “Trp Channels: a New Challenge to

Understand Ca²⁺ Entry in Non-Excitable Cells”

Hugo de Jonge, Rotterdam “Regulation of CFTR-chloride Channels”

Peter Willems, Nijmegen “Regulation of Cholecystokinin Receptor Signalling by Protein Kinase C”

Carel van Os, Nijmegen “Title to be announced”

Evening

Excursion by boat to Rotterdam Harbours, including Buffet Supper and lecture at the Church of the Pilgrim Fathers.

Return to hotels by bus.

Saturday 16 June All Symposia at the EU Congress Centre

09.00 – 12.30 **Symposium III – The Language of DNA**

Convenor: Piet Borst, Amsterdam

Speakers:

A. Piazza, Turin “You are what you speak”

Frank Grosveld, Rotterdam “To speak or not to speak”

George Poste, Washington “The future of DNA technology”

Hans Galjaard, Rotterdam “Understanding of DNA language”

Mini-symposium (in parallel)

09.00 – 12.30

Behavioural Sciences: “Quality of Life for the Elderly”

Organised by:

Michael Marmot, London, and Johannes Siegrist, Düsseldorf

Speakers: Michael Marmot, London "Social Inequalities in Health in an Ageing Population"
Jacqui Smith, Berlin "Berlin Study of Ageing"
Tores Theorell, Stockholm "Psychosomatic Approaches to Disease/Ageing"
Johannes Siegrist, Düsseldorf "Psychological Models of Illness/Ageing"
Agar Brugiavini, Venice "Early retirement in Europe"

14.00 – 17.30

Convenors:

Symposium IV – The Story of Land-Sea Interactions

Sierd Cloetingh, Amsterdam

Jörn Thiede, Bremen

Speakers:

Kurt Lambeck, Canberra "The Record of Sea Level Change"

Jurgen Mienert, Tromsø "Slope Stability of Continental Margins"

Jörn Thiede, AWI, Bremen "The language of the polar oceans"

Zvi Ben-Avraham, Tel Aviv "Land and water in the Dead Sea"

Mini-symposium (in parallel)

14.00 – 17.30

Evening

Physics/Technology – in preparation

Visit to Boijmans Museum and Dinner

Social Programme

Thursday 14 June – Evening Programme for all guests

All guests are invited to share in the Opening Ceremony and Reception at the Rotterdam Town Hall, as set out in the main programme. Tickets for use of the bus/tram/metro within Rotterdam will be provided.

Friday 15 June – Daytime programme for accompanying persons

The 'Royal Tour' will be organised. The bus from Rotterdam will pass the Royal Palace 'Noordeinde' and the Dutch Parliament in The Hague. The International Court of Justice and the Yugoslavia Tribunal will be visited in the 'Vredespaleis'. After lunch in Delft the tour will visit "Het Princehof" in Delft, where William of Orange stayed several times, and the Old Church in Delft where the graves of the Oranges are located.

Evening programme for all guests

In the evening all participants will go for the 'World Harbour Tour' by ship, leaving from the Congress Centre to visit the Old and New Harbours of the largest port in the world. Following a supper on board we will go to 'Delfshaven' for a lecture at the historic Church of the Pilgrim Fathers. We return to the ship for dessert and coffee and the return to the hotels.

Saturday 16 June – Daytime programme for accompanying persons

This day is reserved for the 'Architecture Tour'. Rotterdam is renowned for its futuristic and social architecture from the reconstruction of the city after 1945. We visit the Dutch Institute of Architecture (NAI) for a tour and a lecture. After lunch the bus leaves with a guide from the 'Archicentre' for the 'on site' Architecture Tour in Rotterdam.

Evening programme for all guests

In the evening all participants will go to the Museum Boijmans van Beuningen for the 'Brueghel Buffet' with a 'table lecture' and an informal visit to the exhibition 'Pieter Brueghel the Elder'.

Hotels for the Annual Meeting

Novotel Rotterdam Brainpark (4★) is a comfortable, modern hotel located in the exclusive Brainpark estate, 100 meters from the Erasmus University Congress Centre. The dynamic business and entertainment centre of Rotterdam is also close-by. An ideal location for access to the Annual Meeting. The special price for the Academia Europaea Meeting is 80 Euros for a double room, plus breakfast plus 4% city tax.

Hotel Savoy (3★), a very comfortable hotel in the centre of the city with an old-fashioned, personal service. Within walking distance of the 'Old Harbour', a centre with many restaurants, pubs and discos. Prices: 75 Euros single, 80 Euros double, including breakfast, plus 4% city tax.

Bilderberg Parkhotel Rotterdam (4★) is surrounded by gardens and situated on the "green" lane (Westersingel) in the centre of Rotterdam. Offers the highest standard of comfort. Prices: 170 Euros single, 190 Euros double, including breakfast, plus 4% city tax.

A hotel reservation deposit equal to one night's room rate at the hotel selected is payable at the time of booking.

Reservation and Cancellation policy

Reservations should be made by 31 March 2001.

Cancellations before 31 March will forfeit the Registration fee but the hotel deposit will be returned.

Cancellations after 31 March will forfeit the Registration fee and the hotel deposit.

Other future events

“Imaging and Models of Brain Function”, Heidelberg, 15-17 March 2001

The Physiology and Medicine Section of the Academia Europaea is organising a small high-level conference in association with the Tschira Foundation of Heidelberg. About 25 speakers will give focused addresses on their latest research into Brain Imaging and Models, to a personally invited audience. Members of the Academia Europaea requiring more information may contact the Academia office, or the Chairman of the Section, Professor Ole Petersen.

“Reconstructing Scientific Collaboration in the Adriatic Region”, Venice, 24-27 March 2001

Following the end of hostilities in the former Yugoslav region, the Academia is working to assist the rebuilding of the academic communities in that part of Europe. In co-operation with UNESCO's European office for Science and Technology (ROSTE), the Academia is planning a workshop to be held in Venice on March 24-27. Representatives from all the countries of South-East Europe will be invited, to

explore mechanisms for increased scientific collaboration, both within the region and between the region and other parts of Europe. Participation is by invitation, but members of the Academia Europaea wishing to learn more of this initiative should contact the Academia office.

“Collaboration and Ownership in the Digital Economy” (CODE), Cambridge, 4-6 April 2001

A conflict between “commercial” and “free” approaches to digital tools and software has recently come into prominence, particularly through legal cases involving access to digital music. The Academia is organising a conference to address some of the legal, cultural, social and commercial issues raised by open approaches to software. The conference will be held at Queens' College, Cambridge, from 4 to 6 April 2001. In this venture the Academia is working in association with the Rockefeller Foundation, the Daniel Langlois Foundation, the Red Hat Centre, the Arts Council of England, the University of Cambridge and other partners. Further information and registration details are available on request to the Academia office.

Nominations for membership of the Academia Europaea

The Council's Nominations Subcommittee met on 5 January and agreed to recommend over fifty candidates for election by the Council. It is hoped that these candidates will be welcomed into their membership of the Academia at the Annual Meeting in Rotterdam in June 2001.

The process for electing the “2001-2002” group of candidates has now started. In accordance with the recently introduced annual cycle for nominations and elections, all members have the opportunity between now and May 2001 to nominate new members. The process will proceed as follows:

End of May 2001

June – September
End of September
Autumn
Winter 2001-2
Annual Meeting 2002

Deadline for nominations by Members.

Assessment by the Section Committees.
Sections to submit their nominations to the office.
Meeting of the Nominations Subcommittee.
Election by the Council.
Newly elected members publicly welcomed.

Members are reminded that the Council has placed special emphasis on the need to elect new members below the age of 55, and more female members. At least 50% of all future candidates submitted by the Sections should be below the age of 55, with a particular preference for candidates below the age of 50. Older candidates will continue to be elected if they remain academically active.

Nomination forms are available on request to the office. Members may ask the office to send the form to proposed candidates for the completion of personal details, career record, publications, etc. It is hoped that this will ease the task of preparing the nomination forms. If preferred, nominators may continue to prepare the information, so that the candidate remains unaware that he or she is being considered for election.



ACADEMIA EUROPAEA

2001 Annual General Meeting, June 14-16, 2001 – Rotterdam, Netherlands

Title:..... First Name:..... Family Name:.....

Telephone:..... Fax:..... E-mail:.....

Address:.....

.....

Name of the accompanying person participating in the social events:.....

Registration Fee Participant's Fee: 100 Euros Euros
 Accompanying Person: 50 Euros Euros

Hotel Accommodation

Hotel requested:.....

Single Double

Arrival Date:..... Departure Date:.....

Hotel Deposit (1 night's room rate at your selected hotel) Euros

TOTAL AMOUNT: Euros

Payments by credit/debit card:

Visa Master Card Maestro Switch

Credit Card No.....

Expiry Date:.....

Issue Number (for Switch only)

I authorise Academia Europaea to debit my card with the sum of Euros indicated above.

Name of Cardholder:..... Signature:..... Date:.....

SOCIAL PROGRAMME

(please complete the following information to assist with local arrangements; there are no additional charges)

Opening Ceremony & Welcome Reception (14 June) No. of persons:.....

World Harbour Tour (15 June) No. of persons:.....

Brueghel Buffet (16 June) No. of persons:.....

Excursions for accompanying persons

'Royal Tour' (15 June) No. of persons:.....

'Architecture Tour' (16 June) No. of persons:.....

Please return this form to:

Academia Europaea, 31 Old Burlington Street, London W1S 3AS, UK.

(PLEASE TAKE A COPY FOR YOUR OWN RECORDS IF POSTING)

OR RETURN BY FAX TO: 00 44 20 7287 5115

Is there a role for the individual scientist in formulating a European Science and Technology Policy?

Summary of an address given by Henk J. van der Molen, Vice-President of the Academia Europaea, at the Council of Europe's conference on "Science and Technology in Europe – Prospects for the 21st Century", Gdansk, October 2000

The role of individual working scientists in formulating policies is often distant and not very visible. This is understandable, because "policies" are more often than not the result of top-down mechanisms in which views from organisations (whether scientific or political) are dominant rather than views from individuals. The roots of any scientific or technological development lie, however, in the ideas of individual scientists. In contrast to the large number of national and international organisations representing different interest groups (universities, industries, research organisations, governments) which participate in the European scientific debate, there are only a small number of organisations representing individual scientists, let alone the individual scientists as such. It is not surprising, therefore, that European discussions are dominated by organised interest groups and not by the experience or views of scientists or groups of scientists. For the individual scientist it is difficult if not impossible to find guidance in a clear European science policy.

The European Union – including in research – operates mainly through the subsidiarity principle. Most European research is dictated mainly by national science policies. It is striking, that the 5th Framework Programme includes 225 priority programmes, reflecting the well-argued interests of the member states who, quite understandably, want to see their own interests covered rather than the

European priorities.

One might ask if the individual scientist should be guided by any policy rather than his/her interest and expertise in a chosen scientific discipline. It is obvious that science and research are too important for the economic and technological development of Europe to argue the role of individual scientists on historic or philosophical grounds only. European scientists are well equipped to strengthen the global competitiveness of Europe in research and, as a consequence, strengthen economic activities and living conditions. Provided that we find the mechanisms to further the synergy of European research, it is clear that European scientists and European research can direct and can lead the way in many scientific disciplines.

Accepting that any European research policy will be additional to the national science policies of the member states, the need for European added value should imply a structural and co-ordinated approach through advice that is not bound by national scientific or political priorities. It is in this respect that the role of scientists should be strengthened through the involvement of European organisations representing the views and expertise of scientists. Examples of such organisations are the European learned societies (of chemists, physicists, political sciences, history etc.), and the European academies of scientists. The best known of the latter is the Academia Europaea which was established in 1988 following an initiative by European Science Ministers. The Academia is able to provide in complete independence advice on a wide spectrum of issues to governments and to industry.

The basis of scientific training lies in higher education institutions and research establishments. Therefore from a scientist's point of view a broad science base – originating from or with links to higher education – will have to be the responsibility of all European countries. A credible European science policy should be recognised and implemented by scientists. This can be realised only if scientists recognise the mechanisms at the European level which are usually also employed at the national level. These mechanisms include political responsibility at ministerial level, stakeholder organisations (industry, interest groups) to advise on specific activities, granting organisations for financial support and advisory organisations (academies, learned societies).

At the European level this implies, that:

- European science policy will have to be decided by the ministers on the recommendation of advisory panels.
- For specific activities, international bodies such as the European Science Foundation could increase the effectiveness of national interests. This implies some transfers of responsibilities and finances.
- The European Commission and its administration should not exercise an independent policy in the execution of a European research policy. It should facilitate and execute its activities in closer collaboration with existing European organisations of scientists.
- Evaluation of European research should be enhanced, with the involvement of independent experts.

Subscriptions to the European Review

Every member of the Academia receives an individual copy of the *European Review* as part of their membership. The editors and the Council would, of course, like to see the publication reach a wider audience. We have therefore decided to make the Review available on-line in 2001. Please take a look at the Cambridge Journals On-line site at <http://journals.cambridge.org>

Every visitor to the site has access to all tables of contents and abstracts, but a paid institutional subscription is required in order to view the full-text of articles. In order to achieve a wider dissemination of the *European Review*, we would like to enlist your help as a member of the Academia Europaea. We believe that you are best placed to encourage your institution to subscribe to the *European Review* and would be grateful if you would fill out the form below and pass it on to your librarian.

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