

the Tree

Issue 22–June 2006



San Souci Palace in Potsdam, see page 28

■ This newsletter contains Programmes and registration forms for the following events, all of which can be accessed on the website of the Academia (www.acadeuro.org):

- the 18th Annual meeting of the Academy “Brain, Mind & Matter”, 21-23 September 2006
- workshop (19-20 September):
– “Liberty & the Search for Identity”
- Workshop (19-20 September):
“Grand Challenges of Informatics”

Please register for these events NOW by returning the completed forms to the London office as indicated.

■ See inside for reports of recent workshops and meetings

■ Other News

- 2006 Directory of Members is now available (on request)
- List of new members (2005 cycle) elected in 2006
- Letter from the Treasurer to all members – subscriptions
- Nomination of new members – process and forms for 2006 cycle
- The ‘EUROPEAN REVIEW’

■ Conference and meetings announcements

- Advance notice of events 2006-2007
- 19th annual conference – Toledo 9-12 September 2007



The Klaus Tschira Foundation, see page 18

From the President

The expanding numbers of scholars – and we elected 94 in April this year – are all elected after a rigorous peer review process. They come from all the disciplines of scholarship and cover the whole continent and are a testament to the continuing relevance of the Academy today.

In 2008 we will celebrate our 20th anniversary – yes, we are very young when stood against our sister national academies across Europe. Nonetheless, we fulfill a unique and critical niche – being the only truly pan-European Academy of Sciences, Humanities and Letters. It is because of this unique role, and composition, that we continue to be sought out for the value of our independent expertise and advice, and we are also well placed to explore through our publications, conferences and related activities the real interdisciplinary areas of scholarship that are all too often nowadays neglected in favour of the narrow and highly subject specific.

We have already played a constructive role in the ideas leading up to the appointment of the first governing science council of the new European Research Council (the ERC). In fact when I am asked, “what is the value of the AE, compared to national academies?”, I can point to a very clear expression of that value – the fact that of the initial 22 members of the ERC appointed by the European Commission no less than 13 are elected members of the *Academia Europaea*. So, it brings me great pleasure as I start my second term as President, to point to the increasing number of events, publications and other types of activity that demonstrate so well that the *Academia* is thriving. Today we are truly the *Academy of Europe*.

Our membership not only consists of some of the most distinguished scientists across all disciplines from the European

continent. We are working towards a younger and more balanced and representative membership that reflects the European academic community of today, and we continue to increase the number of members from the ‘borders’ of Europe. I am sure there are people of excellent academic merit that come to your mind – please have a look at the election procedures, reprinted elsewhere in this newsletter, and make a nomination! I would urge each member to nominate at least two new candidates per year.

Despite our small infrastructure and resource base, we are continually developing the quality and number of our activities. The European Review continues to grow; we continue to provide advice, whether through the European Science Advisory Council or independently; we are working hard to forge a better position in Europe for the Humanities research base, and we are looking to develop a new range of support structures through fellowships, grants and other activities. Of course, these all require money and so I would ask members to help the Council with this task and to put us into contact with individuals, foundations, companies and other organisations that might be willing to sponsor us in achieving these objectives.

Over the coming year we will continue to develop ourselves into a more effective and operationally ‘virtual’ organisation. Our structure and resources make this an imperative. This will mean, that more and more our communications will be electronic and web-based. However, we will continue to retain the printed word for all of us not addicted to the Internet!

Jürgen Mittelstrass



Subscriptions

A background note by the Treasurer

Our Academy, now properly subtitled 'The Academy of Europe', is unique in a number of respects. It is the only truly Europe-wide academy of independent scholars, embracing the full range of natural and social sciences with the humanities. As such it is increasingly making the case for disinterested research and scholarship heard at the European level, not least in the European Commission, where it has played a major part in shaping the ongoing debate about the remit and procedures of the newly established European Research Council. (Indeed, 13 of the 22 members of that body are Members of our Academy). In this, as in all its functions, it acts essentially as a 'virtual' organisation with an extremely small permanent staff of four, three of whom are part-time.

Unlike many national academies, because of its Europe-wide character, the Academia receives no automatic support from any national government sources, although several (principally the UK, Germany and Spain) have provided continuing generous sponsorship. More than most academies, therefore, we have to look to our Members to finance our activities. Because of the wide disparities in national customs and personal circumstances, from its foundation the Academia has solicited voluntary contributions from Members. However, with changing circumstances, it is now widely felt that the time has come to move towards a system of mandatory subscriptions. Such a recommendation was indeed made to Council by the Governance Group and endorsed at the 2005 Annual Members' Meeting in Berlin. There the Board and Council were asked to bring forward a specific proposal to the following Members' Meeting after consulting the Membership at large.

The proposal below takes account of the consultation and of views expressed by Council. Clearly, across such a widely constituted Membership as ours, complete unanimity is unlikely to be found but it is fair to say that a broad level of agreement exists. The Board looked at several models but they believe the one below represents the best balance between equity and practicability in implementation.

Members attending the annual business meeting will be invited to endorse the proposal. If accepted, it will be put into effect in the coming financial year (2007-8).

The proposal will be along the lines of:

Council proposes that, in place of the present system of voluntary contributions, an obligation should be placed on Members to pay an annual subscription, with effect from 2007.

The level of the subscription will be set each year by Council; for the coming year it will be 120 Euros (80 pounds sterling), with a reduction to 80 Euros for those Members who indicate that they do not wish to receive the European Review.

Any Member who finds him- or her-self unable to pay, will be invited to contact the Treasurer with a request to be excused. Such requests will be sympathetically received and will remain confidential. Nevertheless, Council hopes that Members who find themselves in this position will make some lower voluntary contribution at a level appropriate to their circumstances.

Members over the age of 75 are automatically excused though, again, it is hoped that as many as are able to do so will make a voluntary contribution.

Life subscriptions will be available for a single payment. This level of this will take into account the age of the member requesting to make such a payment.

Members who do not paying the subscription, and who do not ask to be excused, will receive one reminder six months after the first request. In the event of no response being received by the Office, they will receive no further communications from the Academia and their names will be placed in a register of inactive Members.

The operation of these arrangements will be reviewed by Council after two years.

I have place this announcement in The Tree, so that all members are made aware of the changes that will be proposed and put to the annual business meeting. The Annual meting of members of the Academy will take place at 15:00 hours on 21 September. The venue will be the Hungarian Academy of Sciences in Budapest.

Peter Day *Treasurer*

18th Annual conference of the Academia Europaea

19 – 23 September 2006
Hungarian Academy of Sciences
Roosevelt Square, 9 Budapest H-1051.
Hungary

TIMETABLE OF EVENTS

19th – 20th September symposium
organised by the History section
• “LIBERTY AND THE SEARCH FOR
IDENTITY”
19th – 20th September workshop
organised by the Informatics section.
• “GRAND CHALLENGES OF
INFORMATICS
20th September 18:00 – 20:00 Board (private)
*21st September 10:00 – 12:30 Council
(private)*
21st September 13:30 – 15:00 ad hoc
section meetings (informal)
21ST September. 15:00 – 16:30 Annual
business meeting of the Academy
Main conference timetable
21st September 17:30pm the 18th

CONFERENCE OPENING CEREMONY

• **2006 ERASMUS medal** and
Lecture of **Professor Bert Sakmann**
(Heidelberg)
• 2006 BURGENSELTERS awards
• Induction of new members of the
Academy
22nd – 23rd September. plenary
conference sessions:
“**BRAIN, MIND, MATTER**”
For full programme information, venue,
hotels, registration form and contact
details go to the Academia Website at
www.acadeuro.org
All the sessions [except the Board,
Council & business meeting] are open to
non-members of the Academy.

Pre-conference workshops

Liberty and the Search for Identity

19th – 20th September 2006

Academia Europaea in collaboration with the Central European
University, Europaeum, István Bibó Center for Advanced
Studies

Organiser: Iván Zoltán DÉNES (History Section – deniz@iti.mta.hu)

Venue: The Hungarian Academy of Sciences. Roosevelt
Square, 9 Budapest H-1051

Register: using the attached form or online at www.acadeuro.org

Programme

09:00. 19 September 2006

Welcoming address Csaba Pléh

Session 1: chair Lothar Gall Liberalism and Nation Building

Process. Reflections on the Case Studies

- **Introductory Thoughts:** *Liberalism and Nationalism – Singular or Plural, Old and New*
Iván Zoltán Dénes
- András Gergely: *German and Hungarian Liberal Nationalisms: a sketch for their Comparison*
- Charles Kecskeméti: *Characteristics of the Hungarian Liberalism. An Interpretation.*
- Milan Hlavacka: *Some Remarks on Otto Urban's Czech Liberalism-Essay*

Session 2 : Liberal Nationalisms. Parallels and Differences

Chair: Michael Freeden

- Richard Finlay: *Liberalism and Nationalism in the United Kingdom, including Ireland*
- Paolo Pombeni, *Nationalism, National Identity and Liberalism: a 20th century's quarrel*
- Imre Röss: *Croatian Liberal Nationalism*
- Vilmos Heiszler: *Some Common Characteristics of Liberalism in Eastern and Southern Europe*
(15:20-15:50)
- Sorin Antohi: Comments on Romanian Liberal Nationalism
Dinner (18:15-20:00)

Day 2: 20 September 2006

09:00 Session 3: Liberty and Identity. Concepts and Contexts.

Chair: Sorin Antohi
Interpretations:

- Yael Tamir
- Lothar Gall
- Michael Freeden
- Balázs Trencsényi
- Diana Mishkova
- Eyüp Özveren

Session 4: Liberalism, Nationalism, Democracy.

Round Table Discussion.

Chair: Henk te Velde

Panellists: Fulvio Cammarano, Daniel Barbu,
Alexander Semyonov, Janet Polasky
Conclusion Henk te Velde,
Conference ends at 17:00pm

Pre-conference workshops

Grand Challenges of Informatics

19th–20th September 2006

An Academia Europaea Informatics Section Symposium

April 30, 2006 (Dines Bjørner, Chairman of AE/IS)

• Charter of the Informatics Section of Academia Europaea:

The charter is at a meta-level wrt. the disciplines within and bordering to informatics. It is to explore these disciplines and their frontiers (also wrt. those interfacing to the concerns of other section of the academy), to bring awareness of these disciplines (and issues) to a larger audience to further their research and practice, and thus to help set political strategies.

• **Target Audience:** In line with the charter this event is “programmed” to be of interest to these groups of participants:

• **Computer Scientists in General:** We are in particular aiming at researchers in Armenia, Belarus, Bulgaria, The Czech Republic, Croatia, Estonia, Georgia, Hungary, Latvia, Lithuania, Moldavia (Moldova), Poland, Romania, Russia, Serbia and Montenegro, Slovakia, Slovenia and Ukraine. The emphasis of the first day sessions is on programming methodology (i.e. computing science), not on theoretical computer science. The Informatics Section shall endeavour to bring some 30+ such scholars to attend the event.

• **Members of other AE Sections:** The first day (one topic) sessions and especially the second day (two topics) sessions ought appeal to the intellectual curiosity of members of other AE sections: Mathematics, Physics and Engineering, and the Biology sections.

• **Aims:** For the first day to survey aims and objectives of the VSTTE¹ effort. For the second day morning to highlight some esoteric new research avenues, and for the second day afternoon to highlight apparent seamless borders between computer science and mathematics.

• **Objectives:** For the first day to ensure a Pan European VSTTE effort. For the second day morning to similarly broaden the scope of research in new areas, and for the second day afternoon to do likewise!

• **Implications:** This is not a conventional computer/computing science/informatics event. Speakers are presenting overviews of recent years of their work.

• **Venue:** The Hungarian Academy of Sciences, Roosevelt tér, Budapest, Hungary.

• **Local Organiser:** Dr. Szeredi Péter², szeredi@cs.bme.hu

Registration:

No registration fee, for this event only please pre-register by email by sending your full contact details to: szeredi@cs.bme.hu (copy the mail to bjoerner@gmail.com)

Pre-registration is essential, see below for instructions

Tuesday 19 September	
Verified Software, I	Morning Session
Opening & Welcome	8:45-9:00
1. The Ideal of Program Correctness, Sir Tony Hoare	9:00-9:45
Refreshment Break	9:45-10:15
2. A Million Lines of Verified Code ³ , Jim Woodcock	10:15-11:00
3. Have we learned from the Vasa Disaster? Jean-Raymond Abrial	11:00-11:45
4. TTBA ⁴ , Amir Pnueli	11:45-12:30
Lunch	12:30-14:00
Verified Software, II	Afternoon Session
5. The German Verisoft Project, Wolfgang Paul	14:00-14:45
6. Panel: Pan-European Collaboration ⁵	14:45-16:15
Refreshment Break	16:15-16:45
Informatics section Members Meeting	16:45-18:30
Symposium Dinner	19:30-...
Wednesday 20 September	
Unconventional Grand Challenges	Morning Session
Opening & Welcome	8:45-9:00
7. Quantum Computing, Jozef Gruska	9:00-9:45
8. Biocomputing, Lucas Cardelli	9:00-9:45
Refreshment Break	10:30-11:00
9. From Computable Functions to Definable Systems, Wolfgang Reisig	11:00-11:45
10. Economics and Game Theory, Krzysztof R. Apt	11:45-12:30
Lunch	12:30-14:00
Computer Mathematics	Afternoon Session
12. main issues of Computer Mathematics, Henk Barendregt	14:00-14:45
13. Efficient Exact Real Arithmetic, Paul Zimmermann	14:45-15:30
Refreshment Break	15:30-16:00
14. Computer Algebra, Joachim von zur Gathen	16:00-16:45
15. Formalisation (Proof-checking), Laurent Théry	16:45-17:30
Informatics Section Members & Speakers Dinner	19:00-...

* bjoerner@gmail.com School of Information Science JAIST: Japan Advanced Institute of Science and Technology, 1-1 Asahidai, Tatsunokuchi, Nomi, Ishikawa, Japan 923-1292 www.jaist.ac.jp/bjoerner

¹ Verified Software: Theories, Tools and Experiments (vsjte.ethz.ch)

² Budapest University of Technology and Economics Faculty of Electrical engineering and Informatics Department of Computer Science and Information Theory Goldman György tér 3. Budapest bldg. V2, 1st floor, room 136. Phone: (+36 1) 463 2986 Postal address: H-1521 Budapest PO Box 91 www.cs.bme.hu/szeredi/english

³ A presentation of the Grand Challenge project (vsjte.ethz.ch, http://research.microsoft.com/thoare/The_Verifying_Compiler.ppt, www.bcs-facs.org/events/xmas2004.html, http://asimod.in.tum.de/2004/SLIDES/slides/mod04_hoare_02.pdf) and its possible research issues.

⁴ Topic/title to be announced.

⁵ Idea of panel is to try and engage scientists from all of Europe onto the panel and into the concerns of Verified Software: Theories, Tools and Experiments (vsjte.ethz.ch).

Annual Business Meeting (AGM) of the Academia Europaea 2006

Formal notice is hereby given, that the annual business meeting of the Academy will take place at 15:00 on 21st September 2006. The meeting will be held at the premises of the Hungarian Academy of Sciences (Roosevelt Square, 9 Budapest H-1051.)

The AGM is a formal legal requirement as set out in the statutes of the Academy.

The draft agenda is:

- Adoption of the draft agenda
- To approve the minutes of the 2005 Annual Business Meeting
- Matters arising from the minutes
- Report of the President
- Future plans
- Governance of the Academia
 - Proposals to amend the regulations
- Re-appointments, and **elections**
- Report of the Treasurer
 - Decision to re-appoint the Auditors
 - Adoption of annual report and accounts

Report from the chair of the Nominations sub committee

Reports and information from the Sections (from the floor)

Any other business, duly notified (Article 12.4)

Members of the Academia Europaea may table a motion for debate and decision at the AGM by submitting such a request in writing to the Executive Secretary. To be included into the agenda of the meeting, any such request **must** reach the London office not later than 21 August.

The minutes of the 2005 AGM will be posted into the members only page of the website.

ANNOUNCEMENTS

Composition of the Council and other governance changes.

Council will propose to the AGM, a number of changes to the regulations of the Academia Europaea. These changes will put into effect the recommendations of the governance group that were discussed at the 2005 business meeting in Potsdam and that have subsequently been approved by the Council following a members' consultation in December and January of this year. The changes will reduce the number of directly elected, individual members of Council and will provide for the direct involvement of sections in the affairs of the Academy.

Council will also put forward proposals intended to improve the structure and operation of sections that better reflect the new, direct role that the sections will have on the Council.

Elections to Council

The AGM of 2004 and of 2005 in anticipation of changes in governance, decided to suspend elections to fill council vacancies. With the proposed changes to the composition of Council, it is unlikely that there will be a need for direct elections until 2007 at the earliest.

Elections as officers of the Academia Europaea

Vice President of the Academia Europaea

Notice is hereby given, that Professor Michael Marmot and Professor Denis Weaire, will complete a first term as Vice President of the Academy at the end of the annual business meeting in Budapest.

In accordance with the regulations: nominations are now invited from any ordinary member who wishes to be considered as a candidate for election as a Vice president. The retiring Vice presidents are eligible for consideration to be re-elected for a second and final term of three years.

Any nominations must be received in writing by the Executive Secretary not later than 31 July

Academia Europaea 18th Annual Conference

“Brain, Matter and Mind”

Friday 22nd and Saturday 23rd September 2006, Budapest

Venue: The Hungarian Academy of Sciences, Budapest, Hungary

Hosts: The Hungarian Academy of Sciences

Local Organiser: Professor Norbert Kroo, Vice President, Hungarian Academy of Sciences

Conference Programme

Friday 22 September 2006 – Hungarian Academy of Sciences	
09.00	Welcome
09.15	SESSION 1: THE ARCHITECTURE OF BRAIN AND MIND
	Chair:
	Jürgen Mittelstrass (Konstanz, Germany)
	Speakers:
09.30 – 10.00	History of Brain and Mind
	József Hátori (Budapest, Hungary)
10.00 – 10.30	Brain, Mind and Behaviour
	Angela Friederici (Leipzig, Germany)
10.30 – 11.00	<i>Coffee</i>
11.00 – 11.30	Brain and Self
	Peter Gärdenfors (Lund, Sweden)
11.30 – 12.00	Language, Cognition and Brain
	Annette Karmiloff-Smith (London, UK)
12.00 – 12.30	Discussion
12.30 – 13.00	Burgen Scholars
13.00 – 14.30	<i>Lunch</i>
14.30	SESSION 2: UNDERSTANDING THE BRAIN
	Chair:
	William Shea (Padua, Italy)
	Speakers:
14.45 – 15.15	Frontiers of Brain Research
	Wolf Singer (Frankfurt, Germany)
15.15 – 15.45	Visualisation of the Brain
	Richard Frackowiak (London, UK)
15.45 – 16.15	<i>Coffee</i>
16.15 – 16.45	Evolutionary Psychology
	Giacomo Rizzolatti (Parma, Italy)
16.45 – 17.15	Consciousness
	Jean-Pierre Changeux (Paris, France)
17.15 – 17.45	Discussion
17.45 – 18.15	Burgen Scholars
Saturday 23 September 2006	
09.15	SESSION 3: THE CREATIVE MIND
	Chair:
	Csaba Pléh (Budapest, Hungary)
	Speakers:
09.30 – 10.00	The Creative Mind in Literature
	Sigrid Weigel (Berlin, Germany)
10.00 – 10.30	The Creative Mind in the Arts

	Richard Gregory (Bristol, UK)
10.30 – 11.00	Coffee
11.00 – 11.30	Title to be announced
	Marlan Scully (Austin, Texas, USA)
11.30 – 12.00	The Mind of God
	Friedrich Graf (Munich, Germany)
12.00 – 12.30	Discussion
12.30 – 13.00	Burgen Scholars
13.00 – 14.30	Lunch
14.30	SESSION 4: THE NATURAL AND THE ARTIFICIAL
	Chair:
	Norbert Kroo (Budapest, Hungary)
	Speakers:
14.45 – 15.15	Bionics and Novel Materials
	Györgi Karmos (Budapest, Hungary)
15.15 – 15.45	Changes in Brain Function
	Tamás Freund (Budapest, Hungary)
15.45 – 16.15	Coffee
16.15 – 16.45	Addiction
	Sylvester Vizi (Budapest, Hungary)
16.45 – 17.15	Information and Memory
	Marc Jeannerod (Lyon, France)
17.15 – 17.45	Discussion
17.45 – 18.00	Closing remarks
19.30	Conference Dinner

Hotels and travel information

All participants **MUST** make their own hotel reservations

The following hotels are located near to the Hungarian Academy of Sciences. Special rates have been agreed (quote the Hungarian Academy of Sciences-Academia Europaea meeting)

A *****

Hotel Sofitel

1051 Budapest , Roosevelt tér 2.

Tel: (+ 36 1) 266 1234

100 rooms single, 160 Euro double, 180 Euro, www.sofitel.com

B****

Hotel Mercure Budapest Bida

1013 Budapest, Krisztina körút 41 – 43

Tel: (+36 1) 488 8100

100 rooms, single 105 euro, double 120 euro, www.mercure-buda.hu

C +++ **Hotel City**

1137 Budapest, Szent István körút

22. Tel: (36 1) 340 5450

15 rooms, single: 70 Euro, double: 90 Euro, www.ohb.hu/ring

And a little farther way (transport will be arranged)

CEU Center (Central European

University) www.ceucenter.hu

1106 Budapest, Kerepesi út 87.

Rate is 40euros/single, 56 uros/double
Reservation email is

benczem@ceu.hu and the name is Ms Marta Bencze.

Alternatively many other Hotels can be booked online: for example through www.expedia.co.uk, or from many airline websites such as www.Easyjet.com ; www.BA.com

Many no frills airlines fly to Budapest.

www.ryanair.com; www.easyjet.com;

www.skyeurope.com; www.wizzair.com;

www.sterling.dk; www.airberlin.com;

www.germanwings.com;

For local information in Budapest: go to the Hungarian Academy site at: <http://www.mta.hu/index.php?id=406&type=0>

Hungarian Academy of Sciences H-1051, Roosevelt Sq. 9

contact Klára Papp [kpapp@office.mta.hu]

Registration Form

(PLEASE WRITE CLEARLY)**(This form is not a hotel reservation form)**

Title:(Professor, Dr., Ms. , Mr., etc.) FirstName: FamilyName:

Telephone: Fax:

E-mail:

Mailing Address:

.

City & Postal code: Country:

Are you an elected member of the Academia Europaea (delete as appropriate): YES / NO

A. I will attend the "Search for Liberty" workshop. 19th – 20th September YES / NO

B. I will attend the grand Challenges of Informatics Workshop 19th – 20th September YES / NO

NOTE for this event only PLEASE ALSO REGISTER BY EMAIL with szeredi@cs.bme.hu and bjorner@gmail.com

C. I will attend the main conference "Brain, Mind & Matter" 21st – 23rd September YES / NO

Full name of any accompanying person participating in the social events:

SOCIAL PROGRAMME

Please indicate which events you will attend and the number of persons attending. There is **no charge** to attend these events.

Opening Ceremony & Welcome Reception (21st September) No. of persons attending:

Conference Dinner (23rd September) No. of persons attending:

CONFERENCE CONTRIBUTIONS FOR PARTICIPANTS

Members of the Academia Europaea are asked to make a single contribution of **€30 Euro** (£57 UK pounds) **Non-members** of the Academia are asked to make a contribution of **€100 Euro** (£71 UK pounds) towards the organisation of the event. Payments should be made to the Academia Europaea secretariat in London.

The following options are available (please tick the appropriate box):

1) *online at www.acadeuro.org (follow the link for 'Budapest')*

2) Direct bank transfer

Bank Name: **National Westminster**

Bank Postal Address: **Piccadilly & New Bond Street Branch, PO Box 2AG, 63 Piccadilly, London, W1A 2AG, UK.**

Account Name: **Academia Europaea Euro Account**

Account Number: **02952874**

Branch Sort Code: **50 41 01**

IBAN: **GB12 NWBK 6072 1102 9528 74**

IBAN BIC: **NWBK GB 2L**

3) **Cheque** made payable to 'Academia Europaea'

Signature: Date:

(Please PRINT your name)

The Haga Forum, Stockholm

The Haga Forum, Stockholm (November 9 – 11, 2005) was the venue for the fourth symposium jointly organised by the Academia HERCULES group with the Wenner Gren Foundations. On this occasion, it was Prof. Bertil Daneholt of the Wenner Gren and Ulrich Teichler of the Academia who were the convenors of this important meeting.

The topic addressed “The Formative Years of Scholars” – an issue of great concern across Europe, as institutions of higher education and national governments wrestle with the Bologna process and with an increasingly competitive market place for the attention of potential students and future scholars.

A group of around 60 – 70 experts and practitioners, participated in two-days of debate. Topics covered by speakers included:

- **Changes of the knowledge systems and their implications for the formative stage of scholars**

- Experiences in the natural sciences. – Professor Jens Erik Fenstad (Norway)

- Experiences in the engineering sciences – Professor Paavo Uronen (Finland)

- Experiences in the humanities and social sciences – Professor Björn Wittrock (Sweden)

- **Changing external conditions for the formative stage of scholars**

- Knowledge society and growing utilitarian expectations – Professor Peter Scott (UK)

- The changing labour market for researchers – Mr. Raffaele Liberali (European Commission, Brussels)

- Changing funding modes for junior scholars – Dr. Indra Willms-Hoff (Germany)

- Brain drain: What we know and what we do not know – Mr. Bernd Wächter (Academic Cooperation Association, Brussels)

- **The development of the doctorate**

- The doctorate in Europe and North America: Findings of a comparative study -Professor Dr. Barbara M. Kehm (Germany)

- The changing nature of doctoral programmes – Dr. Janet Metcalfe (UK)

- The future of the doctorate: Concepts and debates – Professor Philippe Laredo (France)

- **The development of post-doctoral/junior academic careers**

- The post-doctoral phase of academics: Assignments, cooperation and supervision – Professor Lennart Philipson (Sweden)

- Work conditions and employment situation – Professor Dr. Jürgen Enders (Netherlands)

- The role of cooperation and mobility in the formative years – Professor Gunnar Öquist (Sweden)

- European universities’ strategies towards young researchers’ career development – Dr. John Smith (European University Association, Brussels)

Summing up was under the stimulating care of Profs Denis Weaire and Ullrich Teichler from the HERCULES Group. But in addition, two expert Post doctoral rapporteurs were present to assemble the debates into a more meaningful and structured set of conclusions. Their report will be incorporated into the Symposium volume that will be in the “Wenner Gren International” series, to be published by the Portland Press, later this year.

For the benefit of the readers, here is the summary of their report. The full report will also be available I due course on the Academia website, together with the abstracts of the talks.

Finally, our thanks must go to the Wenner Gren Foundation for continuing to be interested in and providing support for the topics that the HERCULES group identify. On a personal note, it is always a pleasure to participate in these events, especially with hospitality that involves an exclusive dinner and use of the Wasa Museum!

I am sure that the members of the HERCULES Group would welcome any proposals for topics that might be included into the HERCULES programme. Please send any ideas to Prof Denis Weaire or Ulrich Teichler.

The summary is extracted from the rapporteurs' report of the conference. The full report is entitled:

"What skills and knowledge should a PhD have?"

"Changing preconditions for PhD-education and postdoc work"

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Summary

Society's request for PhDs with a wider range of skills than scientific expertise can be taken as one of the main results of the conference. The industry and public organisations both need highly advanced experts with scientific experience, but with managerial and administrative skills in addition, as well as cultural and social competence. Also academia needs researchers with much the same skills, plus an in-depth knowledge in a particular given field. The theories regarding Mode 2 (Gibbons et. al. 1994) or Triple Helix (Etzkowitz & Leydesdorff 1998, Etzkowitz & Leydesdorff 2000, Leydesdorff & Meyer 2003) have their weaknesses and have been tested and criticised accordingly (Hicks & Katz 1996; Shinn 2002, Shilling 2005), but they hint at relevant features of the conditions for modern scientific practice. There is an entangled relation between work and knowledge production at university, industry and governmental bodies; there are new forms of knowledge production occurring where transdisciplinarity, heterogeneity and organisational diversity, to mention a few Mode 2-characteristics, are features which fairly well capture what goes on and which conditions do influence the scientific work today. The request for a wider set of skills and less specialisation of PhDs can be seen as an example of how society speaks back to science (Nowotny, Scott, Gibbons, 2001).

A modernised PhD-education which takes into account such requests is one consequence of this development. It was presented, that this is already taking place, to some extent, in research schools and through formalised PhD-networks. Hence, one can conclude: The education system is adapting to the demands and will keep adapting even further.

Academia's continued request for specialised researchers will probably lead to similar demands towards a more formalised and structured postdoc period (Dillon 2002). Today it is highly insecure and unstructured. Informal contacts decide where a young PhD can go to do a postdoc stay, the success in writing applications decides if and which funding will be provided, job security and social benefits are often low and whether the content of the postdoc period proves to be useful and valuable may often seem as a random play. There is evidence that many postdoc scholars are given "missions impossible" by the hosting research leaders (Musselin 2004). If they fail with a laboratory project, they will come home with no useful results at all. Finally, the return after the postdoc period, be it to the previous home department or to a new department, is a risky transfer. Most negative experiences of the postdoc period can be referred to the process of return (Melin 2006). This period is characterised by uncertain employment conditions and unclear and unstructured demands. These are conditions reducing the attractiveness of a scientific career. Consequently, there is a strong need for better structure and better conditions for young researchers during their postdoc period.

The presentations and discussions during the conference have pointed to society's need for researchers with skills beyond scientific ones, and to academe's need for enhanced in-depth knowledge in a given field; however, instead of representing a dichotomous view of how PhD-education ought to be organised in order to meet the demands, the two views rather seem to converge as there is a need for researchers with a broader set of skills even within academia. Thus, the PhD-education is about to transform and include more of utilitarian skills, while the requested scientific specialisation necessary for continued academic research will occur during the postdoc phase.

“The Great Lisbon Earthquake of 1755 that shook (and shocked) the world!”

Arguably, the events in Lisbon played out during 1755 had a significant role in the awakening of European seismology and the study of natural phenomena in a systematic and above all scientifically rational way. The Lisbon earthquake was a catastrophe in human and social terms, but was also a stimulant to developments and innovations that have shaped much that we take for granted today in respect to natural catastrophes and their respective sciences and social sciences.

The workshop held on 21st September at the GeoForschungsZentrum – was an example of what the Academia does best – bringing together in close debate scholars from the natural sciences and the humanities around a topic of common interest. This was a rather unique event, with alternate speakers from the Earth Sciences and humanities analysing, from each others viewpoints, the events of 1755. Professors Karl Fuchs and Theo D’Haen have to be congratulated in providing such an interesting programme. The first set of papers have been published in the European review (Volume 14 number 2. May 2006) and the remainder will appear in the July issue of the European Review.

Speakers addresses the following topics:

- The Great Earthquakes of Lisbon 1755 and Aceh 2004 – a seismologist’s view of their impact on their centuries Karl Fuchs, Karlsruhe
- Seeing too much: the Earthquake of Lisbon in literature Helena Buescu, Lisbon
- The 1755 Lisbon earthquake and the beginning of closure of the Atlantic António Ribeiro, Lisbon
- Lisbon 1755 – Repercussions in Philosophy, Science and Literature Svend Erik Larsen, Aarhus
- European Public Opinion and the Lisbon Earthquake Ana Cristina Araújo, Coimbra
- The cause of the Great Lisbon earthquake and tsunami of 1755: lessons to be learned from the recent great Sumatra earthquakes Marc-Andre Gutscher, Brest
- Constructing an Event, Contemplating Ruins, Theorizing Nature: Italian Culture and the Lisbon Earthquake Sergia Adamo, Trieste
- Earthquake Risk Reduction – Obstacles and Opportunities Friedemann Wenzel, Karlsruhe

Academia Europaea
One-Day Workshop to coincide with
the 17th Annual Conference

ACADEMIA
EUROPAEA

21st September 2005

Venue:
The GeoForschungsZentrum Potsdam (GFZ)
The Albert Einstein Science Park,
Telegrafenberg, Potsdam, Germany
www.gfz-potsdam.de

See www.acadeuro.org for
programme and to register

**The Great
Lisbon
Earthquake of
1755 shook
(or shocked)
the world!**

Workshop Programme
Chair: **Theo D’haen, Leuven**

Speakers:

- Constructing an Event, Contemplating Ruins, Theorizing Nature: Italian Culture and the Lisbon Earthquake **Sergia Adamo, Trieste (confirmed)**
- European Public Opinion and the Lisbon Earthquake **Ana Cristina Araújo, Coimbra (confirmed)**
- Seeing too much: the Earthquake of Lisbon in literature **Helena Buescu, Lisbon (confirmed)**
- The Great Earthquakes of Lisbon 1755 and Aceh 2004 – a seismologist’s view of their impact on their centuries **Karl Fuchs, Karlsruhe (confirmed)**
- The cause of the Great Lisbon earthquake and tsunami of 1755: lessons to be learned from the recent great Sumatra earthquakes **Marc-Andre Gutscher, Brest (confirmed)**
- Lisbon 1755 – Repercussions in Philosophy, Science and Literature **Svend Erik Larsen, Aarhus (confirmed)**
- The 1755 Lisbon earthquake and the beginning of closure of the Atlantic **António Ribeiro, Lisbon (confirmed)**
- Earthquake Risk Reduction – Obstacles and Opportunities **Friedemann Wenzel, Karlsruhe (confirmed)**

**GFZ
POTSDAM**

This event was organised by the Earth & Cosmic Sciences Section and the Theatrical Studies & Literature Sections and was supported from the “New Initiatives” fund of the Academy with additional support from the GFZ.

The Board welcome proposals at any time for support under the new initiatives fund, especially for events and initiatives presenting a genuine interdisciplinary collaboration.

Pavia, 23 – 25 March 2006.



“Quality Assessment in Institutions of Higher Education in Europe: Problems Practises and Solutions” –Under the auspices of the Academia “HERCULES” group, Prof. Alessandro Cavalli acted as local convenor of this highly topical workshop.

The Academia was grateful to the Compagnia di San Paolo who generously sponsored the meeting, and to the authorities of the University of Pavia who provided the venue.

The event was kick started with a keynote address given by Dr Raffaele Liberalli of the European Commission who raised a number of issues that surround the edifice of quality assessment, assurance and evaluation and the policy perspective of the European Commission. In particular he stressed that systems should lay emphasis on Quality rather than make judgements of excellence. He also hinted that the Commission itself does not like the concept of “curiosity driven” research –rather as an institution assurance should relate to the utility value of research. He was rather critical of the over use of metrics to judge value and quality and that evaluation of people is far too important only to be driven by such a process. He indicated that the Commission would publish a new Communication (in June) addressing the next stages in European University development. He hinted at the desire to see a differentiation of the “market” in higher education provision across Europe – not uniformity of what is offered. Not all institutions can aspire to be of the same quality!

There followed two full days of stimulating debate before an audience of 80 –100, including representatives of the Marie Curie Fellow Association (as guests of the AE) and from the local Italian institutions. It was pleasing to see a number of local post graduate students dipping in to specific sessions. Speakers addressing the following topics:

“Constructs of Quality”. Speakers included Don Westerheijden (University of Twente), Christian Thune (Danish Evaluation Institute, Copenhagen and John Brennan (centre for Higher Education, London). There was much concern expressed at the inappropriate nature of metrics systems – especially those driven by commercial interests emanating from the USA. There was a groundswell of opinion in favour of a European approach that was also sensitive to the greater diversity of scholarly practises than the ISI allows.

“The Assessed Academic”: provided insights as case studies from differing national perspectives. Speakers included: Wim Blockmans (Netherlands Institute for Advanced Study), Karl Dittrich (Dutch-Flemish Accreditation organisation), Akiyoshi Yonezawa (National Institute for Academic Degrees, Tokyo) and Pierre Dubois (Université de Marne-la-Vallée, Paris).

“Instruments, Tools and Systems” looked in detail at the shortcomings of evaluation systems and the adverse impacts of these in assessment at a variety of levels and across different countries. There was a general undertone of hostility to the stranglehold that commercial publishing houses have on the freedom of academics to publish and a call for a new EU level system of European databases, not for profit and well constructed that reflect better the European culture of academic scholarship. Speakers to this session included: Jan Sadlak (CEPES/UNESCO, Bucharest), Hans-Dieter Daniel (University of Zurich), Alessandro Figà-Talamanca (La Sapienza – Rome), Ulrich Teichler (University of Kassel) and Wynand Wijnen (Maastricht University).

In the final session **“From assessment to action?”** Guy Neave (Association Internationale de Universités, Paris), Jozef Verhoeven (University of Leuven), Alberto Amaral (Centre for research in Higher Education, Porto) and Luigi Biggeri, Chair of the Italian National Evaluation Service) raised some key challenges of the future direction of Universities. The importance of the market for Education and for education for the market of students. Globalisation was identified as a key factor driving developments, as was the implementation of ‘Bologna’.

In summing up the two days, Erik de Corte (Hercules group) suggested that all the evidence pointed towards a situation where things were going “in the wrong direction”. Systems were becoming too burdensome and that there seems to be a conflict between improvement and accreditation. The latter was a negative driver for improvement. The perception was also that the Bologna checklist was not working and that there needed to be a better response to the different assessment needs at different levels of organisations. One size fits all was very problematic.

The rapporteur’s report of the meeting will be put on the Academia website when available. The Portland Press will publish the symposium volume on behalf of the Academia Europaea Hercules group, later in 2006. Conference abstracts and other information will be archived on the AE website.

The 2007 Academia Europaea HERCULES group conference will be sponsored by the Wenner Gren Foundation and will take place in Stockholm, 1 – 3 November. The topic will be “The University in the Market”. The convenor is Prof. Denis Weaire (Trinity, Dublin).

Heidelberg 30 March – 1 April 2006

To celebrate the 25th anniversary of the patch-clamp breakthrough paper published by Erwin Neher and Bert Sakmann in *Pflügers Archiv – Eur J Physiol* in 1981, which led to their joint Nobel Prize in 1991: Prof. Ole Petersen (University of Liverpool) chair of the Physiology & Medicine Section of the Academia Europaea, in collaboration with the Klaus Tschira Foundation, organised a major international symposium

“25 Years of Giga-Seal Patch Clamping”

The celebration started in high – style, with an opening session at the Old Aula of the University in Heidelberg. There was a large audience of experts assembled from across Europe and beyond and a very good attendance by researchers from the regional institutions in an around Heidelberg. It was particularly pleasing that a large number of students and post-doctoral researchers participated

Prof. Dr. Peter Comba, Vice-Rector for Information Management of the University of Heidelberg gave an opening address and Dr Klaus Tschira, Chief Executive of the Foundation welcomed guests. In the chair was the president Prof. Dr. Jürgen Mittesstrass.

Opening session papers were given by:

Ole H. Petersen, Chair of Academia Europaea’s Physiology and Medicine Section

“Introduction: *Pflügers Archiv* 391, 85-100, 1981 and its impact”

Bert Sakmann, Max Planck Institute for Medical Research, Heidelberg, Germany. “Patch pipettes are more useful than initially thought”

Erwin Neher, Max Planck Institute for Biophysical Chemistry, Göttingen, Germany “Patch pipettes for the study of exocytosis”

The following two-days were held at the magnificent Studio of the Villa Bosch, courtesy of the Tschira Foundation. The meeting attracted a large audience of some 80+ participants.

We are publishing the proceedings of this conference in the special issue of the *Pflügers Archiv European Journal of Physiology*. The Academia is grateful to the publishers (Springer, Berlin/Heidelberg) who are bearing all costs for this special issue that will appear later in 2006.

The Academia Europaea acknowledges the generous support of the **Klaus Tschira Foundation** and **Springer Verlag, HEKA Elektronik, FLYION and NANION** and the authorities of **the University of Heidelberg**

Invited speakers were:

**Frances Ashcroft
Michael Brecht
Emilio Carbone
David Clapham
David Colquhoun
Owen Hamill
Bertil Hille
Dan Johnston
Peter Jonas
Arthur Konnerth
Alon Korngreen
Oleg Krishtal
Michel Lazdunski
Henry Markram
Alain Marty
Yoshio Maruyama
Bernd Nilius
Anant Parekh
Reinhold Penner
Ole Petersen
Jackie Schiller
Fred Sigworth
Greg Stuart
Alexej Verkhratsky**

“European Science: A Modern Interpretation of Basic and Applied Research”

26 – 27 January 2006

This was the first time that the AE had collaborated with the Austrian Academy of Sciences. The event was doubly auspicious, as the meeting was held under the flag of the Austrian Presidency of the European Union.

The presentations and debate were an attempt to bring into focus, what today may be understood by the terms “basic and applied research”. The context for such a debate is in part the emergent European Research Council; the imminent launch of the Seventh Framework programme of the Community and also the whole context of the role of research in achieving the so-called “Lisbon agenda”. As a background, is the interplay of pressures that are increasingly evident between the national dynamic for funding of research – the need for exploitation and the need for researchers and research outputs to demonstrate ‘Utility’ – the role and position of the Universities within this complex landscape and not least the interface of science with an increasingly sceptical public.

The meeting took pace during the coldest spell of January weather for some time. Despite this, some 60 – 70 participants generated distinct warmth in debate.

The EUROPEAN REVIEW

A reminder to all members that they can access the journal online and sign up to receive contents alerts and links to abstracts of papers by email.

The Review has been redesigned and now has a more visually attractive cover.

All AE members can access the journal via the logon process. The address label on the envelope that your hard copy of the journal comes in has a small box containing a subscriber number. (the one for the office in London is 479821)

Go to the CUP site <http://journals.cambridge.org/action/displayJournal?jid=ERW> and follow instructions.

Tables of contents and article abstracts are free to all subscribers on Cambridge Journals Online. Access to the full text is available to users whose institutions subscribe.

If you have any queries regarding this email or Cambridge Journals Online, please email subscriptions_newyork@cambridge.org if you are located in the USA, Canada, or Mexico and subscriptions_cambridge@cambridge.org if you



Speakers included both Academy presidents, A representative of the Austrian Federal Ministry for Education, Science & Culture (Dr Markus Pasterk) and eminent members of both Academies: Prof. Dr Helga Nowotny (member of the ERC governing Council), Prof. Dr Cristoph Kratky (President of the Austrian Science Fund), Prof. Dr Juri Engelbrecht (President of ALLEA), Prof. Dr David Spearmann (Chair of EASAC), Prof. Dr Lena Treschow Torell (President of the Royal Swedish Academy of Engineering Sciences), Prof. Dr Ernst Denert (CEO of IVU traffic Technologies AG, Berlin), Prof. Dr Hellmut Fischmeister (AAS) Prof. Dr Michael Metzeltin (AAS) and Dr Frank Gannon (Executive Director of the EMBO).

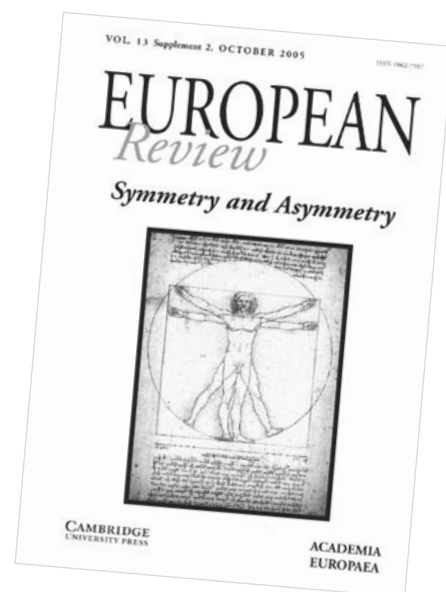
We are grateful for the kind hospitality provided by the Austrian Academy and in particular would like to thank Sandra Hofbauer for her local organisational help.

It is hoped that our Austrian colleagues will produce a short synopsis publication of the event.

are located elsewhere.

The Academia pays for member’s personal individual subscriptions. Please do not give these to your institutional library it reduces our royalty income. If you really do not want to receive the hard copy, please let us know and we will cancel your AE subscription. Help the AE by checking your institutional library and if they don’t already receive it – get them to take out a subscription!

The recent special issue of the Review on ‘Symmetry’ is now available as a pdf on the AE website (www.acadeuro.org) and follow the ‘publications’ link)



2006 Cycle for the nomination and election of new members

ALL members are invited to put forward for consideration, candidates for election to membership of the Academy. There is no restriction on numbers, but it would be good to have **at least one candidate proposed by every member!!**

The procedures for doing this and the forms are available on the members only pages of the website (www.acadeuro.org) click on members only section and enter the password (08erasmus02). The forms can also be requested by email from membership@acadeuro.org. They are also printed in the 2006 members' directory (available in the text pages on the website home page).

Please try to complete the forms electronically and submit them by email to the relevant Section chair. Page 4 of the form (nomination authorisation) has to be signed by the two nominators according to the procedures. A hard copy of this form can be sent to the section chair with a copy to the London office (to Betty Lim – email membership@acadeuro.org) or a scanned pdf copy is also welcome.

The timetable for 2006/07

By **27 OCTOBER 2006** – all nominations dossier should be sent direct to the relevant Section Chair.

By **30 DECEMBER 2006** – section committees will have completed their assessment of dossiers.

By **23 FEBRUARY 2007** – Section assessments, scores and rankings will have been sent to the London office.

April 2007 – the Nominations Subcommittee meet to consider all lists

April 2007 – final recommendations go to Council for approval

May 2007 – newly elected members are invited to accept membership

SEPTEMBER 21, 2007 – new members are introduced at the opening of annual conference in Toledo.

Planned major conferences and symposia for 2007

Please note that italicised text is awaiting modification or confirmation.

It is also expected that some sections will wish to organise small one-day meetings coincident with other events, and also with the annual conference in Toledo.

- “Humanities in Europe: Towards a European research plan for the Humanities”. *Warsaw. January 2007* (One day)
- “Basic ideas in Science” workshop series. Number 2 – “Complexity”. *February* (2 days)
- “Molecular and Cellular Mechanisms of Tissue Damage and Repair”. Heidelberg. March (3 days)
- *“Medieval Islamic medicine and pharmacology and its European Legacy”. Cordoba, Spain. May. (2 days)*
- *“Perspectives on Al Andalus and the impact of the “Siege of Lisbon” on European society”. Lisbon. June.*
- *“The practise of the arts and crafts of “science” in Al andalus”. July. Seville or Cordoba (2 days)*
- **“The Dialogue of Cultures and our European Heritage”. The Academia Annual conference, Toledo (Spain) September 2007 (3 days)**
- “The Future of Mathematical Education In Europe”. October. (3 days), *under the auspices of the Portuguese presidency of the EU.*
- HERCULES conference :“The University in the Market”. With the Wenner Gren Foundation, Stockholm . November . (3 Days)
- *“Interdisciplinary Linguistics and European identity”. December.*

Medicine & Physiology Section Announcement

Members will be interested to know that the papers presented at the 2005 Heidelberg meeting of the Medicine & Physiology Section “Reactive Oxygen Specie in Health & Disease” have been published in a **special issue of the Philosophical transactions of the Royal Society Series B** (Phil. Trans. R. Soc. B), December 29 2005 issue Volume 360 Number 1464.

Go to www.pubs.royalsoc.ac.uk click on the philtrans.R.Soc. B link and locate the issue from the topics covered link at the bottom of the page. Unfortunately the issue is not open access or free.

Meeting report – EARTH & COSMIC SCIENCES

Second TOPO-Europe meeting, Heidelberg, Germany

Initiated by Prof. Sierd Cloetingh, Chair Earth and Cosmic Sciences Section

Supported by the Academia Europaea and the Klaus Tschira Stiftung

On 27-29 October 2005 the second meeting of the TOPO-Europe network was hosted by the Klaus Tschira Stiftung in the Studio Villa Bosch in Heidelberg, Germany. TOPO-Europe is a network that aims to address the 4-D topographic evolution of Europe through a multidisciplinary, integrated solid earth science approach.

TOPO-Europe will be concerned with the geoscience of coupled Solid-Earth- surface processes of continental Europe. In addition to addressing world-class scientific issues within Earth-System science, TOPO-Europe will have considerable societal relevance, because topography directly affects humanity as a result of secular landscape changes and its inherent effects on geohazards and environmental change.

Participants in TOPO-Europe plan to investigate the 4-D evolution (in space and time) of the topography of the European continent and adjacent parts of North Africa, Asia and the Middle East. This requires an integrative multidisciplinary approach connecting research in the sub-disciplines of geomorphology, geology, geophysics, geodesy, remote sensing and various branches of geotechnology.

Advantage will be taken of existing and planned European research facilities and extensive European know-how. New satellite-based techniques will supply ultra-high resolution information on temporal and spatial variations of surface topography, whereas EUROARRAY multi-sensor (GPS, magnetotelluric and seismic) instruments deployed throughout Europe will provide fundamental new details on surface deformation and the electrical and seismic structure of the Solid Earth.

Results of applying these novel monitoring, deep probing and associated imaging techniques will be linked to a major program aimed at developing high-resolution reconstruction and modelling methods that will help to understand the interplay of phenomena controlling continental topography, in order to assess related natural hazards and the vulnerability of intensified land use.

Europe is unique in its variety of geological settings, which can be used as natural laboratories to study and resolve first-order problems in continental topography. Several regions, each with its own specific characteristics and problems, will be selected. Combined, they address the general issue of topography evolution. The importance of deep earth processes controlling topography development has only recently been recognized. Therefore, major scientific breakthroughs can be expected in the coming years.

Rationale for TOPO-Europe:

- The impact of deep earth processes affecting continental topography has only recently been recognized. Feedback relationships with surface processes are still poorly understood.
- A better understanding of the mechanisms that control continental topography, in particular the interaction between processes taking place deep in the Earth, on its surface and in the atmosphere requires a joint, integrated Solid-Earth science approach
- Topography influences society, not only in terms of slow processes of landscape change, but also in terms of climate variability and geo-hazards

Several leading European geoscientists, including many members of the Academia Europaea, were present at the meeting (Figure 1). Presentations were given by, amongst others, Alan Green (Zürich), Corneliu Dinu (Bucharest), Franz Neubauer (Salzburg), Hans Thybo (Copenhagen), Paul Andriessen (Amsterdam), Peter Ziegler (Basel), Rinus Wortel (Utrecht) and Zvi Ben-Avraham (Tel-Aviv). The involvement of a total number of 15 talented young researchers was another major asset for the future of the TOPO-Europe initiative.

Activities of TOPO-Europe in 2005 and 2006

- On 18-19 March 2005 the first meeting of TOPO-Europe was hosted by the Eötvös Lorant Technical University (ELTE) in Budapest, Hungary. The meeting was supported by the International Lithosphere Programme (ILP), ELTE, the Academia Europaea, the European Science Foundation (ESF), the Netherlands Science Foundation (NWO), and the Netherlands Research Centre for Integrated Solid Earth Science (ISES).
- A TOPO-Europe session was held at the European Geosciences Union (EGU) annual assembly in Vienna, 25-29 April 2005. This session was very well attended by a large number of European geoscientists.



Participants in the second TOPO-Europe meeting, 27-29 October 2005, Heidelberg, Germany



The Klaus Tschira Foundation, Villa Bosch, Heidelberg



THE KLAUS TSCHIRA
FOUNDATION GMBH

ANNOUNCEMENT

2008 has been designated THE INTERNATIONAL YEAR OF THE PLANET EARTH by the United Nations For more detailed updates, please refer to the following items:

1. Status Report, Year of Planet Earth, 2007-2009 <http://www.yearofplanetearth.org>
2. Year of Planet Earth Wins UN Declaration <http://www.yearofplanetearth.org/proclamation.htm>

The Board now invite all the members of the Earth Sciences Section to put forward ideas of how the Academia might be involved in this special year. There is the opportunity to bid for financial support from the new Opportunities Funds. Please look at the guidance elsewhere in this issue of 'The Tree'. Proposals should be submitted through the Section chair, Sierd Cloetingh.

- A Union Symposium on Topography of the Earth and Terrestrial Planets will be held at the EGU annual assembly in Vienna, 2-7 April 2006.
- TOPO-Europe was established as a regional coordinating committee of the International Lithosphere Programme (ILP)
- A white paper on TOPO-Europe is being prepared and will be published in Global and Planetary Change (GPC) in 2006. A GPC special volume on TOPO-Europe will also be published in 2006.
- A TOPO-Europe website has been launched at www.geo.vu.nl/~topo.

The meeting in Heidelberg received support from the Academia Europaea, the Klaus Tschira Stiftung, the International Lithosphere Programme (ILP), The Netherlands Science Foundation (NWO), and the Netherlands Research Centre for Integrated Solid Earth Science (ISES). More information on TOPO-Europe is available at www.geo.vu.nl/~topo.

Section chairs & committee members (as of June 2006)

Section:	Chairperson:	Committee Members:
A1. History & Archaeology	Pieter C. Emmer Leiden University Dept. of History P O Box 9515 2300 RA Leiden THE NETHERLANDS p.c.emmer@let.leidenuniv.nl	Henk Wesseling
A2. Classics & Oriental Studies	Heikki Solin Klassillisen Filologian Laitos Helsingin Yliopist• Tonio Hölscher PL4, (Yliopistonkatu 3) FIN-00014, Helsinki FINLAND heikki.solin@helsinki.fi	Margarethe Billerbeck I. Hijiya-Kirschnereit Barbara Kellner-Heinkele Harm Pinkster
A3. Linguistic Studies	Helmut Schnelle Rochstr. 4 D-10178 Berlin GERMANY helmutschnelle@t-online.de	Eva Hajicová Fred Karlsson Ferenc Kiefer
A4. Literary & Theatrical Studies	Theo D'haen Dept. Literatuurwetenschap Leuven University Blijde Inkomststr. 21 B-3000 Leuven BELGIUM Theo.dhaen@arts.kuleuven.ac.be	Douwe Fokkema Erika Fischer-Lichte Maria-Alzira Seixo Mihály Szegedy-Maszák
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A.6 Philosophy, Theology & Religious Studies	Dagfinn Føllesdal Staverhagan 7 1341 Slependsen NORWAY dagfinn.follesdal@filosofi.uio.no	Anders Jeffner
A7. Behavioural Sciences	Johannes Siegrist Heinrich Heine University of Düsseldorf Dept. of Medical Sociology P B 101007 D-40001 Düsseldorf GERMANY siegrist@uni-duesseldorf.de	Andrew Steptoe Töres Theorell Paul Baltes Michael Rutter Michael Marmot
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B1. Mathematics	Jean-Pierre Bourguignon I.H.E.S 35 route de Chartres F-91440 Bures-sur-Yvette FRANCE jpb@ihes.fr	

Section:	Chairperson:	Committee Members:
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C4. Organismic and Evolutionary Biology	Lars Walløe University of Oslo Dept. of Physiology P O Box 1103 Blindern N-0317 Oslo NORWAY lars.walloe@basalmed.uio.no	Friedrich Ehrendorfer Gotthilf Hempel Carlos Herrera Rüdiger Wehner

Scholars invited to accept membership of the Academy

In accordance with the regulations (as amended September 2004), and after due and careful consideration by the section committees and the Nominations Subcommittee.

The Council of the Academia Europaea, at their meeting held in Budapest, on 20 April 2006, have unanimously

agreed to invite the following scholars to accept membership of the Academy. New members will be presented at the opening ceremony of the 18th annual conference of the Academy, that will take place at the Hungarian Academy of Sciences buildings in Budapest, on 21st September 2006.

Nominations (by existing members only) as candidates for consideration in 2007 are now invited to the categories of ORDINARY AND FOREIGN membership

Section	FullName	City/Country	DOB	Subject
A2.	<u>Classics & Oriental Studies</u>			
A2	Doris Behrens-Abouseif	UK	1946	History of Islamic Art & Arch.
A2	Angelos Chaniotis	Germany	1959	Hellenistic History
A2	Denis Feissel	France	1949	Classical & Byzantine History
A2	John Scheid	France	1946	Ancient History
A2	Claus Schönig	Turkey	1955	Turkology
A3.	<u>Linguistic Studies</u>			
A3	Bernard Comrie	Germany	1947	Linguistic Typology
A3	Osten Dahl	Sweden	1945	General Linguistic
A3	Tamaz Gamkrelidze	Georgia	1929	Linguistic, Indo-European & Oriental
A3	Stephen Gillis	Belgium	1957	Psycholinguistic
A3	Johan Kamp	Germany	1940	Linguistic
A3	Manfred Krifka	Germany	1956	Linguistic Typology
A3	Alain Peyraube	France	1944	Linguistic
A3	Mark J. Steedman	UK	1946	Computational Linguistic
A4.	<u>Literary & Theatrical Studies</u>			
A4	Susan Bassnett	UK		Literary Studies
A4	Antoine Compagnon	France	1950	French & Comparative Literature
A4	Fernand Hallyn	Belgium	1945	French Literature
A4	Ansgar Nunning	Germany	1959	English & American Literature
A4	Carlo Ossola	France	1946	Italian Literature
A4	Frits Pieter van Oostrom	Netherlands	1953	Dutch Literary History
A5.	<u>Musicology & H of Art & Architecture</u>			
A5	Dawn Ades	UK	1943	History of Art
A5	John House	UK	1945	History of Art
A5	Deborah Howard	UK	1946	History of Architecture
A5	Elisabeth Kieven	Italy	1947	History of Architecture
A5	John Lowden	UK	1953	History of Art
A5	Shearer West	UK	1960	History of Art
A6.	<u>Philosophy, Theology & Religious studies Studies</u>			
A6	Michael Ayers	UK	1935	History of Philosophy
A6	Sarah Broadie	UK	1941	Classical Philosophy
A6	Antony Duff	UK	1945	Philosophy of Criminal law
A6	Anne Fagot-Largeault	France	1938	Philosophy of Science
A6	Edgar Morscher	Austria	1941	Philosophy of logic
A6	Peter Simons	UK	1950	Philosophy of mathematics
A7.	<u>Behavioural Sciences</u>			
A7	Kimmo Alho	Finland	1958	Psychology & Cognitive Neuroscience
A7	Jon Driver	UK	1962	Behavioural Sciences
A7	Michael Tomasello	UK	1950	Primate Cognition
A7	Lorraine K. Tyler	UK	1945	Behavioural & Brain Science
A8.	<u>Social Sciences</u>			
A8	Josep M Colomer	Spain	1949	Political Science
A8	Lars Engwall	Sweden	1942	Business Administration

B2.	<u>Informatics</u>			
B2	Jean-Raymond Abrial	Switzerland	1945	Computer Science
B2	Krzysztof R. Apt	Netherlands	1949	Computer Science
B2	Jan Aldert Bergstra	Netherlands	1951	Computer Science
B2	Luca Cardelli	UK	1954	Computer Science
B2	Patrick Cousot	France	1948	Computer Science
B2	Georg Gottlob	Austria	1956	Computer Science
B2	Josef Gruska	Czech Republic	1933	Computer Science
B2	David Harel	Israel	1950	Computer Science
B2	Thomas Henzinger	Switzerland	1962	Computer Science
B2	Juhani Karhumäki	Finland	1949	Computer Science
B2	Zohar Manna (Foreign)	USA	1939	Computer Science
B2	Mogens Nielsen	Denmark	1949	Computer Science
B2	Christos Papadimitriou (F)	USA	1949	Computer Science
B2	Wolfgang Paul	Germany	1951	Computer Science
B2	Gheorghe Paun	Romania	1959	Computer Science
B2	Amir Pnuelli (Foreign)	USA	1941	Computer Science
B2	Wolfgang Reisig	Germany	1950	Computer Science
B2	Erik Sandewall	Sweden	1945	Computer Science
B2	Andrzej Tarlecki	Poland	1956	Computer Science
B2	Wolfgang Thomas	Germany	1942	Computer Science
B2	Jan van Leeuwen	Netherlands	1946	Computer Science
B2	Emo Welzl	Switzerland	1958	Computer Science
B2	Jiri Wiedermann	Czech Republic	1948	Computer Science
B3.	<u>Physics & Eng.Sciences</u>			
B3	Charles J. Joachain	Belgium	1937	Theory Atomic & Molecular Physics
B3	Peter Mansfield	UK	1933	Physics
B4.	<u>Chemical Sciences</u>			
B4	Didier Astruc	France	1946	Inorganic Chemistry
B4	Jan-Erling Bäckvall	Sweden	1947	Organic Chemistry
B4	Magdolna Hargittai	Hungary	1945	Inorganic Chemistry
B4	Mir Wais Hosseini	France	1955	Chemistry
B4	Bernard Raveau	France	1940	Chemistry
B5.	<u>Earth & Cosmic Sciences</u>			
B5	Bernard Legras	France	1955	Fluid Dynamics & Meteorology
B5	John Ludden	France	1952	Earth Sciences
B5	Onno Oncken	Germany	1955	Earth Sciences
B5	Stefan Rahmstorf	Germany	1960	Earth Sciences, Climatology
B5	Friedemann Wenzel	Germany	1951	Geophysics
C1.	<u>Biochemistry & Mole.Biology</u>			
C1	Maria Blasco	Spain	1965	Molecular Oncology
C1	John Diffley	UK	1958	Molecular Biology
C1	Jean-Marc Egly	France	1945	Molecular Biology
C1	Jan H. Hoeijmakers	The Netherlands	1951	Molecular Genetics
C1	Carlos Martinez-A	Spain	1950	Molecular & Cellular Biology
C1	Jorge Moscat	Spain	1957	Molecular & Cellular Biology
C1	Ronald Plasterk	The Netherlands	1957	Molecular Genetics
C1	Dominique Stehelin	France	1943	Tumor Biology
C1	Detlef Weigel	Germany	1961	Plant Molecular Genetics
C2.	<u>Cell Biology</u>			
C2	Martin J Humphries	UK	1958	Molecular Cell Biology
C3.	<u>Physiology & Medicine</u>			
C3	Zhu Chen (Foreign)	China	1953	Molecular Genetics
C3	Magdalena Goetz	Germany	1962	Cellular Physiology
C3	Matti Haltia	Finland	1939	Neuropathology
C3	Ann Kato	Switzerland	1944	Neurodegenerative Disorders
C3	Bernard Levy	France	1946	Vascular Biology
C3	Pierre-Marie Lledo	France	1962	Cellular Neurobiology
C3	Patrik Rorsman	Sweden	1959	Physiology
C3	Menahem Segal	Israel	1957	Neuroscience
C3	Andrea Volterra	Switzerland	1957	Neuroscience
C3	Emilio Carbone	Italy		Neuroscience
C4.	<u>Organismic & Evolutn. Biology</u>			
C4	John H Lawton	UK	1943	Ecology & Conservation Biology
C4	Luis Puelles	Spain	1948	Neuroembryology

Total: Ordinary – 90 Foreign – 4

Opportunity for Funding

All members are eligible to apply for support to the “new initiatives fund” The Board are pleased to bring to members’ attention, the availability of limited financial support for activities and initiatives that support the aims of the Academy. Proposals should be made in line with the guidelines that are published below.

Guidelines for proposals to the “new Initiatives” fund (approved by the Board January 2005)

Conditions

- The Board makes decisions on applications and their decision will be final.
- Applications can be submitted to the Secretariat office in London at any time and will be considered at the next available Board meeting, after receipt.
- All applications will be acknowledged.
- Applications may be made electronically, but a signed and dated copy of the proposal should also be sent by mail.
- Applications will only be considered where these are submitted by a member of the Academia. The proposing member will be held responsible for execution of the grant, if awarded.
- Applications for grants may be made by individual members, by collective groups of members, including by the Section Committees.
- There is no prescribed format for applications, but the case should be clear and contain enough information to allow the Board to make a decision. Any financial requests should be justified, as part of the proposal.
- The Board reserves the right to seek advice on any proposal received and to consult with the appropriate Section Committees where necessary.
- An upper-limit on grants will apply. This limit will be set by the Board and reviewed on an annual basis.

Scope of the awards

- 1). Proposals should be for small amounts (a maximum of 5k euros (for 2005), smaller amounts may be given preference).
- 2). The intention is to provide limited, seed corn money, that would be used to deliver the mission of the Academia;
 - Support planning meetings or exploratory workshops that would lead to major events attracting significant external finance.
 - To finance smaller, more specialist events with limited but high-level participation. These could be “in-house” events.
 - To support regional meetings and cross-disciplinary meetings of members within a single country.
- 3). Proposals for initiatives other than meetings will be welcome. For example, proposals for small scale studies, scholarly publications under the Academia name, or other initiatives that would help to raise the profile of the Academia, and to meet our charitable objectives.

Reporting

The proposer of the application will be required to submit a report and financial statement on the use of the grant, within three months of the completion of the event/activity All support will be acknowledged in publicity materials and in any publications that may arise from the activity.

Activities will be announced through the website and a report should be suitable for publication in the Academia newsletter “The Tree” and on the website.

Deceased Members

Advised since Tree issue 21

Professor Nikolay N. Bogolubov, Joint Institute for Nuclear Research, Moscow August 1909 – 1992

Sir Hermann Bondi, Cambridge November 1919 – September 2005

Professor Carlo Cipolla, Pavia, Italy August 1922 – 2005

Professor Vittorio Denti, Pavia, Italy March 1919 – 2005

Sir Richard Doll, Cancer Research UK, Oxford October 1912 – July 2005

Professor Marianne Frankenhaeuser, University of Stockholm September 1925 – August 2005

Professor Eugenio Garin, Florence May 1909 – 2005

Professor Peter Giese, Freie Universität Berlin August 1931 – June 2005

Professor Maurice Gross, Paris July 1934 – 2003

Professor Alexis Jacquemin, Brussels July 1938 – 2004

Professor Gilles Kahn, Inst. National de Recherche en Informatique et en Automatique, France April 1946 – February 2006

Professor Livio Scarsi, Palermo, Italy May 1927 – March 2006

Sir Nicholas Shackleton, University of Cambridge June 1937 – January 2006

Sir Richard Southwood, Merton College, Oxford June 1931 – November 2005

Professor Ebbe Spang-Hansen, University of Copenhagen September 1928 – January 2006

Sir Peter Strawson, University College, Oxford November 1919 – February 2006

Professor Paolo Sylos-Labini, Università di Roma, Italy October 1920 – 2005

Professor Alfred Tissières, Geneva October 1917 – 2003

Professor Silvio Weidmann, Bern April 1921 – July 2005

Professor Willi Ziegler, Senckenberg Museum, Frankfurt March 1929 – 2006

Recent funding and prize award opportunities

Readers may be interested in some recently announced prize and funding opportunities:

- **SCIENCE and ART Prizes – The Wolf Foundation** invites nominations for its Wolf prizes fields of agriculture, chemistry, physics, mathematics, architecture, medicine, music, painting and sculpture. Each prize is worth 79000 EURO.

Contact: Yaron Gruder www.wolffund.org.il/main.asp?idMAIN=13.

- **European History – The British Academy has Elizabeth Barker grants** to support study in recent European History especially Central and Eastern Europe. For individual, collective or institutional projects including conferences. Max. 1456 EURO

Contact: grants@britac.ac.uk or www.britac.ac.uk/funding/guide/intl/ebf.html

Water resources Prize. The Stockholm Water Foundation prize (118,541 EURO) to an individual or institution or organisation that has contributed to the conservation, availability and protection of worldwide water resources.

Contact: siwi@siwi.org or www.siwi.org/swp/swpnominate.html.

- **Fyssen Foundation** invites nominations for its international prize (50000 EURO) for distinguished research achievements in Ethology, Palaeontology, Archaeology, Anthropology, Psychology, Epistemology, Logic and the Neurosciences. Topic for this years prize is “Human Societies”

Contact: Fondation Fyssen (secretariat) Paris www.fondation-fyssen.org/prixUS.html.

News from the Sections

The new Informatics section is up and running! The committee have already organised a two-day workshop “The Grand Challenges of Informatics”. The event will take place in Budapest 19 – 20 September. The programme is elsewhere in this issue of The Tree and also on the AE website. Please register and come along to help shape European Informatics into the future.

In addition, the section has a new website of its own. Follow the link from the home page of our own website (www.acadeuro.org). Any member of the section can send information and news to Erol Gelenbe, who is acting as webmaster for the Informatics home pages. (e.gelenbe@imperial.ac.uk)

What’s new on the AE website?

The website will be subject to a major re-design over the coming weeks. We will improve the functionality and ease of navigation. The intention is to provide members with a fully interactive online database to make updating contact information easier and to allow members to create mailing lists as necessary.

We are encouraging all sections to follow the lead of Physics & Engineering and Informatics in developing their own web presence. We will make more links available as they are created. If anyone wishes to act as a webmaster for a Section homepage, please contact the section chair to discuss.

We are moving to online conference registrations and online payments for conferences and workshops. This will be done using the PayPal system. I hope that this will make life a little easier for members. We are aware that more traditional forms of payment – personal cheques are rapidly becoming obsolete, so providing online systems seems a sensible next step. Please be assured that any system that we use is secure.

Our agents, The Charity Aid Foundation (CAF) who manage our annual membership donations payments, have provided an online subscription service so that those members who want to, can make their annual donations (or even additional gifts and donations!!) online in Sterling, Euros and Dollars. To access this facility please log into the members only pages (password as always is 08erasmus02) and follow the link and instructions.

We are also preparing newsletter templates and other online materials so that once the new database is operational we can set up targeted mailing and a ‘subscriptions’ system. Hopefully this way we can reduce the spam risk that is an increasing problem for all of us.

As always, we would be pleased to receive from members specific suggestions for improving the communications that we make available, either online or through printed media.

ACADEMIA EUROPAEA RUSSIA PRIZES 2005

Professor V.P Skulachev (President of the Russian Club of AE members) writes from Moscow:

The awards ceremony for the 12th annual contest of the AE Russia prizes for young scientists took place on 28 November 2005 in the Fundamental Library of the Intellectual Centre of Moscow State University – a new state-of-the-art building..

This years prizes were supported by the publishing house MAIK-INTERPERIODIKA and the ROSBUSINESSBANK. A total of US\$ 22000 was distributed to 22 winners.

The event was reported in the newspapers POISK and Moscow University.

Presenting the prizes were Prof. S. Khadjiev & Mt V. V. Maslow – respectively chairman and managing director of the Robusbuisnessbank and Mr N.G Avanesov, Deputy Director of MAIK-Interperiodika.

The 1000 \$US prizes went to:

Mathematics/Mechanics: Pavel L. Gurevich (Moscow Aviation Institute); Alexander E. Guterman (Moscow State); Arkadij B. Skopenkov (Moscow State)

Physics: Igor S. Burmistrov (Landau Institute for Theoretical Physics); Stefan L. Danilishin (Moscow State)

Chemistry: Danil N. Dybtsev (Nikolaev Institute of Inorganic Chemistry, Novosibirsk); Timofey S. Zatsepin (Moscow State); Alexander M. Kalsin (A.N. Nesmeyanov Institute of Organoelement Compound RAS); Andrei V. Perepelov (Zelinsky Institute of organic Chemistry RAS); Eugenia V. Peresyphina (Nikolaev Institute of Inorganic Chemistry SB RAS); Alexey A. Popov (Moscow State)

Earth Sciences: Vladimir E. Verzhbitsky (P.P. Shirshov Institute of Oceanology PAS); Alexey V. Lopatin (Paleontological Institute of RAS)

Biology: Olga I. Gulyi (Institute of Biochemistry & Physiology of Plants and Microorganisms); Sergey E. Dmitriev (A.N. Belozersky Institute of Physico-

Chemical biology, Moscow State); Ilgar Z. Mamedov (Shemyakin-Ovchinnikov Institute of Bioorganic Chemistry RAS); Larisa S. Melnikova (Institute of Gene Biology); Sergey I. Nikolaev (A.N. Belozersky Institute of Physico-Chemical biology, Moscow State)

Лауреаты премии Европейской академии за 2005 год

... часть собрания называлась более всего, так как была посвящена членам жюри и председателю жюри и членам жюри и жюри членами и др. ...

Пресс-служба:
Гурьев Александр Николаевич (ИГУ им. М.В. Ломоносова); Сидорова Татьяна Сергеевна (ИГУ им. М.В. Ломоносова); Фещина Галина Игоревна (Институт теоретической физики РАН); Давыдов Игорь Сергеевич (ИГУ им. М.В. Ломоносова); Давыдов Данил Николаевич (Институт органической химии СО РАН, Новосибирск); Давыдов Кирилл Сергеевич (ИГУ им. М.В. Ломоносова); Калашин Александр Михайлович (ИГиХ СО РАН, Москва); Ларина Лариса Сергеевна (Институт органической химии РАН, Москва); Парышев Евгений Владимирович (Институт теоретической физики СО РАН, Новосибирск); Попов Алексей Александрович (ИГУ им. М.В. Ломоносова); Мухомов Павел Валерьевич (Институт органической химии РАН); Давыдов Александр Владимирович (ИГУ им. М.В. Ломоносова); Гудков Павел Николаевич (Институт биологии и физиологии РАН); Давыдов Сергей Евгеньевич (ИГУ им. М.В. Ломоносова); Мамедов Илгар Заматович (Институт биохимии и физиологии РАН); Мельникова Лариса Сергеевна (Институт биологии РАН); Николаев Сергей Игоревич (ИГУ им. М.В. Ломоносова); Мочалов Олег Дмитриевич (Башкирский государственный университет); Гунаев Александр Александрович (ИГУ им. М.В. Ломоносова).



Prof. V. Skulachev, Academia Europaea convenor and organiser of the Russia Prizes with 2005 prize winners

Honours and Awards notified since issue 21 of The Tree

- The Royal Society of Canada has elected **Nicholas Rescher** of the University of Pittsburgh as a foreign fellow.
- Holberg Prize 2005 to Jürgen Habermas

“It is a pleasure to serve the purpose of the Holberg Prize by helping to pull the paled face of the humanities out of the shadow of more fortunate disciplines,” said Jürgen Habermas in his acceptance speech during the presentation ceremony in the Håkon’s Hall in Bergen on Wednesday, 30 November 2005. This year is the second time that the Holberg Memorial Prize is awarded for outstanding scholarly work in the arts and humanities, social science, law and theology. The value of the prize is NOK 4.5 million (approximately € 566,000/ \$ 668,000)

- **Michael Ghil** – Recent honours and awards (More on my web site at UCLA, <http://www.atmos.ucla.edu/tcd/>). Lorenz Lecturer, American Geophysical Union, 2005; Foreign Member, Austrian Academy of Sciences (OeAW), 2005;

L. F. Richardson Medal, European Geosciences Union, 2004; **G. Lemaître** Chair, Université Catholique de Louvain, Belgium, 2004; Foreign Member, Academy of Engineering Sciences, Romania, 2004.



- **Christine Petit, M.D., Ph.D.**, head of the Unit for Genetics of Sensory Deficits at the Institut Pasteur in Paris, head of Inserm Unit 587, and professor and chair of genetics and cellular physiology at the Collège de France, has been selected to receive the 18th Annual Bristol-Myers Squibb “Freedom to Discover” Award for Distinguished Achievement in

Neuroscience Research. Professor Petit is a member of Academia Europaea. She is being recognized for having discovered the molecular basis of hearing and the genetic causes of deafness. Her pioneering work led to the development of a diagnostic test that has remarkably improved the quality of the genetic counseling for the deaf and their families and her research eventually extended to genetic disorders affecting other senses, including the sense of smell. Through her observations, Professor Petit laid the foundation for new approaches to diagnosing and treating sensory defects and her work will continue to have major clinical implications for the diagnosis and treatment of sensory defects.

- **Sir Michael Berridge**, Emeritus Fellow at the Babraham Institute has been awarded the prestigious **Shaw Prize**, for his pioneering work in the field of cell signalling. His discovery of the key role that calcium plays in regulating cellular activity and orchestrating the complexities of cellular communication has given insight into some of the physiological processes behind medical conditions like hypertension, cardiac arrhythmia and heart failure, cancer and bipolar disorders such as manic depressive illness.

The 2006 Members Directory

The new Directory of members is available. You can access the text only parts and the lists of members by Country from the home page of the website. Alternatively the full Directory including the A – Z of members can be read or downloaded from the members only pages as a pdf document (go to the members only section – password is 08erasmus02)

If anyone wants a print copy of the full Directory, please send an email or fax request to Betty Lim (membership@acadeuro.org) Please also provide your preferred mailing address and where available an email address.

If there are any mistakes, including if you see that we have accidentally included deceased members, please let Betty know.

The 2006 nominations timetable

27 OCTOBER 2006	All nomination dossiers to be received by Sections
30 DECEMBER 2006	Completion of Section Committee assessments
23 FEBRUARY 2007	Assessment, rankings and dossiers to the AE Office
APRIL 2007	Nominations committee meeting
APRIL 2007	COUNCIL
MAY 2007	Invitations to approved candidates
SEPTEMBER 21, 2007	Introduction of new members – Toledo

Member Announcement

Our eminent member Marcel Storme (Law), has announced the publication of his book “In Honorem Mauro Capelletti”.

The book is published by Kluwer Law and can be viewed and purchased online or direct from the publisher:

www.kluwerlaw.com

ISBN: 90-411-2443-8

Priced at EUR 40.00/USD 51.00/GBP 28.00

September 2005, Hardbound 90pp

From Theo D’Haen (Literary & theatrical Studies Section)

How Far is America From Here? Selected Proceedings of the First World Congress of the International American Studies Association 22-24 May 2003.

D’HAEN, Theo, Paul GILES, Djelal KADIR, and Lois PARKINSON ZAMORA (Eds.)

Amsterdam/New York, NY, 2005, 636 pp.

See <http://www.rodopi.nl/functions/search.asp?BookId=TEXTXET+47>

REPORT of the 17th annual conference of the Academy



The 17th annual conference (September 22 – 24, 2005) of the Academia Europaea was held in Potsdam, courtesy of prof. Dr. Rolf Emmerman, Director of the GeoForschungsZentrum (GFZ). The location, in the heart of the wooded Einstein Science Park on the famous Telegrafenberg site was entirely appropriate to the theme of the conference – our contribution to the Einstein year celebrations.

Proceedings started with the usual business meeting of the Academia (see report elsewhere). This was followed, in the early evening, by the opening

ceremony. These events were held in the elegant surroundings of the Berlin-Brandenburg Academy in the heart of Berlin. The President welcomed over 250 guests, including new members of the Academy and an outstanding group of Burgen Scholars. This year was marked with the award of two gold medals of the Academia Europaea to the Deutsches Forschungsgemeinschaft (DFG) and the Max Planck Gesellschaft (MPG). The Gold Medals, are given on the recommendation of Council, to non members, both individuals and organisations that in the judgement of Council have made a sustained contribution to the

encouragement and support of European scholarship, other than by their own scholarly efforts. The medals were received on behalf of both organisations by Prof. Dr. Helmut Schwarz, Vice President of the DFG and Prof. Dr. Hubert Markl, former President of the MPG.

It was a highlight of the evening, to hear the citation for the award of the 2006 Erasmus medal read by professor Sir Martin Rees and formally presented by the President to Professor Pierre Léna (Paris) for his significant and sustained contribution to astronomy and the public understanding of science.



San Souci Palace in Potsdam



Potsdam 2005 Opening Ceremony. Prof. Arnold Burgen presents a certificate to one of the Burgen Scholars

Professor Léna rounded off the evening giving the Erasmus lecture – “From Science to Education: the need for a Revolution”. The lecture has been published in volume 14 (1), February 2006 issue of *The European Review*.

So from inner Berlin to Potsdam for the main conference.

“The Scientific and Cultural Architecture of Man in Nature” attracted a large number of participants to listen to an outstanding and entertaining programme of speakers. The opening session set the scene by pointing to the contribution of Einstein to both scientific developments and culture. Contributions from Sir Martin (now Lord) Rees – currently the President of the Royal Society in London, from Bernard Schutz of the Albert Einstein Institute in Potsdam, and from Jürgen Renn and Hans Küng, provided a fitting opening to the meeting that this year attracted some 200 delegates over the three days.

In what has become a new ‘tradition’, participants were treated to short but stimulating ‘mini-papers’ by the Burgen scholars, who also exhibited high quality posters describing their fields of research. Once again we are grateful to the Cambridge University Press for their generous donation of book prizes to scholars.

The conference sessions all of which took a “systems” approach to the topics, moved from an inward looking view (or was it an outsiders view?) of the Earth and man as a tiny component of the big picture (including: “System Earth: Probed from Space”

Rolf Emmermann, GFZ, Potsdam; “From Life on Earth to Life in the Universe”, Andre Brack, CNRS, Orleans; “Earth Climate: a View from the Astronomical Theory” André Berger, Louvain; “Insights into Global Earth Cycles from Ocean Drilling”, John Ludden, CNRS, Nancy), through the role of man as a main agent of change on Earth bound systems, including his own role in the shaping of communities and societies (with contributions from Colin Renfrew, Cambridge – “Becoming Human: from Hunter-gatherer to Urban Citizen: Processes of Material Engagement?”; “Megacities: Risks and Chances for Global Change”, Frauke Kraas, Cologne; “Urbanisation, Communities and Health”, Johannes Siegrist, Düsseldorf; “On the Value of a Language”, Christian Lehman, Erfurt; “Literature as Knowledge”, Antoine Compagnon, Columbia, USA), to an inward perspectives of man as an individual system in both biological and cultural terms (with contributions from Carl Friedrich Gethmann, Duisburg-Essen, “Rational Man”; “Neuronal Man”, Jean-Pierre Changeux, Paris and “Creative Man”, Elisabeth Kieven, Rome).

Many of these papers have been published in the *European Review* Volume 14(2).

A departure from the formal programme, involved two public presentations: a lecture by Prof. Jean-Paul Poirier on the great Lisbon Earthquake of 1755 and its impact on European science & Culture accompanied by a “multimedia” presentation by Prof. Frank Scherbaum who demonstrated the music of the Earth – literally, through some elegant interpretations of the sounds associated with the geological process of our planet.

The Council wish to express their profound thanks to Prof. Emmermann, Dr Lauterjung and the GFZ staff who delivered an efficient and excellent meeting in excellent surroundings. We would also like to thank those organisations supporting the event: The GeoForschungsZentrum Potsdam; The Helmholtz Association of National Research Centres; The Berlin-Brandenburg Academy of Sciences Schering AG; Siemens AG; German Federal Ministry for Education and Research (BMBF); The World Year of Physics – European Physical Society; The International Year of Planet Earth.

The 2006 conference (the 18th annual conference) and two pre-conference workshops, will take place at the Hungarian Academy of Sciences, Budapest 19th – 23rd of September, at the invitation of the president Prof. Dr. Sylvester Vizi. The theme is “*Brain, Mind and Matter*”. You should have already received a mailing. All details and registration information can be found on the Academia Website home page (www.acadeuro.org).



Prof. Pierre Léna (left), Prf. Jürgen Mittelstrass (centre) and Prof. Lord Rees, President of the Royal Society, at the presentation of the 2005 Erasmus Medal to Prof. Léna in Belrin 22 Sept 2005

17th annual conference of the Academy



The opening of the 2005 annual conference of the Academia Europaea at Berlin-Brandenburg Akademy



Prof. Dr. Ralph Emmermann (at the lectern), Director of the Geoforschungs Zentrum introducing the 2005 Burgen Scholars to Prof. Arnold Burgen at the opening of the annual conference held in the Leibitz Salle of the Berlin-Brandenburg Akademy



Prof. Dr. Johanna Wanka Minister for Science, Research and Culture of the State of Brandenburg at the opening ceremony



Prof. Dr. Ralph Emmermann (GFZ) and on the right is Prof. Dr. Jürgen Mittelstrass (AE)



(left to right) Prof. Pierre Léna (Paris), Prof. Lord Rees and Prof. Dr. Hans Küng



Prof. Theo D'haen, Chair of the Literacy & Theatrical Studies section opening the Great Lisbon Earthquake workshop at the GFZ in Potsdam 21Sept



The President introduces the 2005 new members to the assembled audience in the Liebnitz Salle, Berlin, Sept 2005

Publications of the Academia Europaea

MEMBERS can now find on our website up to date lists of publications and also a new meetings archive. This contains programme and other information for all meetings organised by the Academia and also where available, summaries of the presentations. (www.acadeuro.org).

Symposium volumes available free, on request

2003 "Excellence in Higher Education" – published by the Portland Press. Edited by Erik de Corte (Wenner Gren symposium volume 82). Copies available free on request from the Secretariat (admin@acadeuro.org).

- Psychosocial Disorders in young people: Edited by Michael Rutter and David Smith. (Wiley publ.1995)
- Virtual University? Educational environments of the future. Edited by Henk van der Molen (Wenner Gren symposium series number 79).

Members have an open invitation to submit articles and items of interest for publication in The Tree. The editor reserves the right to edit for length. Next issue (23) will be published in September 2006.

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