

The Academia Europaea 25th anniversary conference: “European science and scholarship looking ahead – challenges of the next 25 Years”

PRIVATE SESSIONS

Day of the week	Draft Conference programme
Saturday, 14th Sept.	15:00 – 19:00 AE Nominations Meeting (Sections B and C)
Sunday, 15th Sept. 2013	09:00 – 17:00 AE Nominations Meeting (Section A) 18:00 – 19:00 Informal Meeting of Section Chairs Council Dinner
Monday, 16th Sept. 2013	09:00 – 11:00 Council Meeting 11:30 – 13:00 Board Meeting

Monday 16th Sept. 2013

13:00 – 14:30 Annual Business Meeting of AE members

Opening Session of the 25th Annual conference of the Academia Europaea
The Aula Leopoldina – University of Wroclaw

15:00 WELCOME ADDRESSES (Including a short history of the AE by Anne Buttimer) and **Presentation of the 2013 AE Burgen Scholars in Poland**,
Sponsored by CitiBank (Warsaw) and The Cambridge University Press
(Chair: L. Walløe)

Welcome to new members of the Academia Europaea (elected in 2012)

16:00 “**The next 25 years: Grand Challenges for the knowledge sector in Europe**” – opening high-level plenary session
Speakers: *Helga Nowotny* (ERC President); the *Lord (Martin) Rees*; *Andre Mischke* (President of the Young Academy of Europe); *Anne Glover* (Chief Scientific Adviser to the EU Commission President); **Irina Bokova (UNESCO) suggested by Michel Che – to be confirmed**
(Chair: M. Kleiber)

17:30 Break

18:00 Presentation of the **Erasmus Medal** to **Norman Davies** followed by delivery of the 2013 Heinz – Nixdorf Erasmus Lecture: "CENTURIES OF CHANGE"
- Laudation: Pieter Emmer (Leiden) Trustee and Chair of the History Section
(Chair: A. Burgen)

20:00 Reception at the City Hall

Tuesday 17th Sept. 2013	<p>09:00 ROBERT HUBER – PLENARY LECTURE <i>Beauty and fitness for purpose: architecture of proteins, the building blocks of life</i> (Chair: O. Petersen)</p>			
	<p>10:00 SALVATORE SETTIS – PLENARY LECTURE (Chair: C. Ferrini)</p>			
	<p>11:30 <i>The Euroean Challenge in Uncertain Futures</i> – PLENARY DEBATE (sponsored by City Bank) Convenor: Joseph Straus Speakers: K. Konrad (Munich); G. Tabellini (Bocconi); J. Straus (Munich); P.Nijkamp (Amsterdam); S. Sołtysinski (Warsaw)</p>			
	<p>13:00 Lunch</p>			
	<p>14:00 BERT SAKMANN – PLENARY LECTURE ... (Chair: M. Żylicz)</p>			
	<p>15:30 – 18:30 PARALLEL SESSIONS</p>			
	<p><i>Past and future impacts of Informatics</i></p> <p>Convenor: H. Maurer (Graz)</p> <p>Speakers: F. Zambonelli (Modena) D. Fellner (Darmstadt) G. Gottlob (Oxford) J. Tiuryn (Warsaw)</p>	<p><i>The European Ideal as Challenge</i></p> <p>Convenor: J. Straus (Munich)</p> <p>Speakers: D. Heirbaut (Ghent) D.Grimm (Berlin)</p>	<p><i>Understanding the Universe</i></p> <p>Convenor: A. Mischke (Utrecht),</p> <p>Speakers: T. Kibble (London) A. Nisati (Rome) A. Kellerbauer (Heidelberg) M. Rees (Cambridge)</p>	<p><i>Paradigm shifts in the Social Sciences</i></p> <p>Convenors: A. Buttimer (Dublin), A. Bailly (Geneva)</p> <p>Speakers: Y. H. Ferguson (Rutgers) S. Oberg (Uppsala) J. Stagl (Salzburg) Y. Verhasselt (Brussels) A. Bailly (Geneva) T. Baycan (Istanbul)</p>
	<p>20:00 Gala Dinner – Wrocław Congress Center</p>			

Wednesday 18th Sept. 2013

09:00 PIOTR SZTOMKPA – PLENARY LECTURE

Existential uncertainty as a growing challenge in contemporary society; its causes and possible remedies

(Chair: A. Cavalli)

10:00 – 11:30 Academic Integrity – PLENARY DEBATE

Convenor: Pieter Emmer

Speakers: P. Emmer (Leiden); N. Foelger (Vienna); T. Schäfer (Young Academy of Europe); E. A. (Ilan) Rabiner (London)

12:00 JOHN WALKER – PLENARY LECTURE

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(Chair: O. Petersen)

13:00 Lunch

14:00 MOSHE VARDI – PLENARY LECTURE

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(Chair: H. Maurer)

15:00 – 18:00 AE LETTERS PARALLEL SESSIONS

I. Cakmak *Role of Agriculture in Fighting Micronutrient Malnutrition in Human Populations*

C. M. Jonker *title – to be confirmed*

L. Nagy *Linking metabolism to the expression of the genome*

A. Falus *Hypermethylation of histidine decarboxylase gene induces tumor surveillance*

S. Lavorel *How knowledge on biodiversity and its impacts on ecosystem functioning can be applied to quantify benefits from ecosystems to society*

G. Jaouen *Medicinal Organometallic Chemistry: The Ferrocifen Family as Efficient and Selective Antitumor Compounds against Triple Negative Cancer Cells*

G. Resnati *Halogen Bonding: A New Paradigm in Recognition Phenomena*

L. Hunyady *Functional specificity of G protein-coupled receptor agonists: a new dimension of pharmacological specificity*

D.A. Rusakov *Signal formation in brain circuits with astroglia*

V. Parpura *Ca²⁺ sources for the exocytotic*

T. Pisanski *What is a configuration*

F. Wotawa *The Falsification Principle in Software Engineering*

B. Jacobs *Next generation of electronic identity management*

W. Imrich *Algorithms, Product Graphs and Applications*

I. Horrocks *Logical foundations for a semantic web*

J. D. Ferrer *Conciliating privacy, security and functionality in the information society*

H. Baayen *In 140 ms from hogwash to nonsense, but only if you're lucky*

N. M. Pugno *Graphene and bio-inspiration*

D. Meschede *Bohr's atoms – 100 years after*

B. Tanatar *Density Modulated Phases in Bilayer Dipolar Gases*

E. Ozbay *Plasmonics*

N-V. Zamfir *Extreme Light Infrastructure - Nuclear Physics (ELI-NP) Status and Perspectives*

F. James Humphry Davy at Work

J. K. Kozłowski *Alternative, maritime route of the First Farmers to Europe*

I. Blom *Care or Control? A Welander Home in Norway 1919 – 1939*

R. von Friedeburg *Luther's Legacy in the Thirty Year War'*

E. Witkowska-Zaremba *Wrocław: The Late Mediaeval Crossroads of Musical Trends*

J. Caldwell *Notated Latin Poetry in the Middle Ages*

V. von Rosen *Pictorial Transfers in Early Modern Europe: the production of religious images by Netherlandish Caravaggisti in their native countries*

N. Roll-Hansen *Basic and applied science: Policy, Research and Higher Education*

K. Donert *Promoting geospatial education in Europe: the digital-earth.eu initiative*

A. Quadrio Curzio *On the Different Types of Eurobonds*

M. Radovic-Markovic *Development of entrepreneurial competences through e-learning: an*

	<i>glutamate release from astrocytes</i> H. Yazici title – co be confirmed L. Kamerlin <i>Catalytic Promiscuity in the Alkaline Phosphatase Superfamily as a Showcase for Chemistry-Driven Protein Evolution</i>		<i>evidence from Serbia and Turkey</i>
Evening Free			

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Thursday 19th Sept. 2013

09:00 ALEXANDRE LAMFALUSSY – PLENARY LECTURE

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(Chair: A. Mas-Colell)

10:00 – 11:30 *The Anthropocene: Future Challenges* – PLENARY DEBATE

Convenor: **to be confirmed**
Speakers: **J-P. Gattuso - to be confirmed** (oceans); **V. Masson-Delmotte - to be confirmed** (glacials); **A. Simmons- to be confirmed** (dynamic meteorology/ atmospheric circulation); A. Berger (climate modelling); M. Burton (volcanic degassing); M. Edgeworth (archaeological aspects); E. Ehlers (human societal cultural aspects)

12:00 VINCENT COURILLOT – PLENARY LECTURE

On scientific discovery, consensus and debate: a personal experience
(Chair - to be confirmed)

13:00 Lunch

14:00 – 17:00 PARALLEL SESSIONS

“Polish Logic and Philosophy”

Convenor: D. Føllesdal (Oslo)

Speakers:

J. Woleński (Kraków)
K. Kijania-Placek (Kraków)
G. Malinowski (Łódź)
P. Simons (Dublin)
R. Urbaniak (Gent/Gdańsk)
C. Cieśliński (Warsaw)
L. Horsten (Bristol)
L. Pacholski (Wrocław)

**“Young Academy
Future Visions”**

Convenor: T. Schäfer (San Sebastian)

Speakers: **to be confirmed**

**“Paradigm Shifts in the
Humanities”**

Convenor: S. E. Larsen (Aarhus)

Speakers:

C. Ferrini (Trieste)
M. Juvan (Ljubljana)
P. Vries (Vienna)
F-J. Ruggiu (Paris)
V. Biti (Vienna)
S. Onega
(Zaragoza)

**“Biodiversity; Exotic species and
innovation”**

Convenor: Y. Le Maho (Strasbourg)

Speakers:

F. Ducancel (Saclay)
P. Bulet
K. Bilikova & J. Simuth (Bratislava)

17:00 WILHELM KRULL – CLOSING PLENARY LECTURE

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(Chair : L. Walløe)