



# 11<sup>th</sup> ALLEA General Assembly Conference

## *Learning: from apprenticeship to wisdom*

The Royal Swedish Academy of Agriculture and Forestry  
 The Royal Swedish Academy of Engineering Sciences  
 The Royal Swedish Academy of Letters, History and Antiquities  
 The Royal Swedish Academy of Sciences

15-16 April 2010, Stockholm, Sweden



### Draft Programme

#### Thursday 15 April 2010

10:00 - 13:00

**ALLEA Steering Committee meeting (by invitation only)**  
 Royal Swedish Academy of Sciences - FU-room

13:00 - 14:30

**Lunch**  
 Royal Swedish Academy of Sciences - room: Club Villa

14:30 - 15:00

**Opening** (Royal Swedish Academy of Sciences – room: Beijer Hall)

- Peter Honeth - *Swedish State Secretary to Minister for Higher Education and Research*
- Jüri Engelbrecht - *President All European Academies*
- Svante Lindqvist - *President Royal Swedish Academy of Sciences*

15:00 - 15:45

**Session 1a: ALLEA European Network Working Group /IAP Programme on Science Education**

**Chair:**

Åke Barklund - *Secretary General / Managing Director, Royal Swedish Academy of Agriculture and Forestry*

**From a Global Programme on Science Education towards a European Network**

Pierre Léna - *Académie des Sciences, France*

15:45 - 16:00

Coffee break

16:00 - 18:00

**Session 1b: Education and science in primary and secondary schools**

**Chair:**

Ulf Lindahl - *Chair of the Science Education Committee, Royal Swedish Academy of Sciences*

- **NTA - A Swedish School Programme for Science and Technology**

Sven-Olof Holmgren - *Professor emeritus of Elementary Particle Physics, Stockholm University and Royal Swedish Academy of Sciences*

- **Regional Mathematics Olympiads - the case of Piedmont**

Franco Pastrone - *Università di Torino and Accademia delle Scienze di Torino, Italy*

- **Learning Science in Informal Environments - a report by the National Research Council of the Academies**

Andrew Shouse - *College of Education, University of Washington, United States*

- **The role of the Young Academies in innovative approaches to science education**

*tbc*

- **The European Children's Universities Network**

Karoline Iber & Christian Gary - *Kinderbüro Universität Wien, Vienna, Austria*

19:30

**Dinner**

The Royal Swedish Academy of Agriculture and Forestry - room: Oscars Cellar

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**Friday 16 April 2010**

**09:00 - 11:00**

**Session 2a: The paradox of changing university regimes**

**Chair:**

Erik Norberg - *Permanent Secretary, Royal Swedish Academy of Letters, History and Antiquities*

- **Science to gain wisdom or the Idea of the University**  
Ludger Honnefelder – *Chair ALLEA Standing Committee on Science and Ethics, Humboldt University, Berlin and Union of the German Academies*
- **LERU : A vision for Research Universities in Europe**  
Geoffrey Boulton - *General Secretary, The Royal Society of Edinburgh, United Kingdom*
- **Evaluation of Higher Education and Research in Central and Eastern Europe: the example of Romania**  
Ionel Haiduc - *President Romanian Academy, Romania*
- **The Modern University and Research: traditions and trajectories**  
*tbc*
- **Reform in Higher Education in Japan**  
Yoshikawa Yumiko - *National Institution for Academic Degrees and University Evaluation, Japan*

11:00 - 11:30

Coffee Break

**11:30 - 13:00**

**Session 2b: Learning for innovation, learning for new knowledge**

**Chair:**

Björn O. Nilsson - *President of the Royal Swedish Academy of Engineering Sciences*

- **The Future of Science Education and Technology Literacy**  
Uwe Pfenning – *Acatech Programme, University of Stuttgart, Germany*
- **Knowledge, Learning and Societal Change for Sustainability**  
Ilan Chabay – *IHDP Programme, Chalmers University of Technology, Gothenburg, Sweden*
- **Global learning in the network age**  
Michael Stevenson - *Vice President Global Education, Cisco Systems Ltd, United Kingdom*

13:00 - 14:30

**Lunch** (Royal Swedish Academy of Sciences – room: Club Villa)

**14:30 - 16:00**

**Session 3: Global learning for sustainability (Pt.1)**

**Chair:**

Jan S. Nilsson - *Chair Research Policy Committee, Royal Swedish Academy of Sciences*

**Introduction:**

**The role of global research cooperation in the formative years of scholars – ways forward**

Gunnar Öquist – *Permanent Secretary, Royal Swedish Academy of Sciences*

- **Ensuring the sustainable management of biological resources - the global approach of IFS**  
Nighisty Ghezae - *Head of Programmes, International Foundation for Science (IFS), Sweden*

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- **Capacity Building measures of the Network of African Scientific Academies**

Jackie Olang - *Network of African Science Academies (NASAC), Nairobi, Kenya*

- **The Israeli-Palestinian Science Organisation IPSO**

Menahem Yaari - *Israel Academy of Sciences and Humanities, Jerusalem, Israel*

16:00-16:30

Coffee Break

16:30 - 17:30

Session 3: Global learning for sustainability (Pt.2)

**Chair:**

Saeid Esmaeilzadeh - *Adjunct Professor, Stockholm University, Department of Materials and Environmental Chemistry*

- **Education in environmental sciences and traditional knowledge in schools in the polar regions**

Karl Torstein Hetland - *Norwegian Centre for Science Education and IPY Norway*

- **Rethinking the ICSU Science Education Programme**

Gervais Chapuis - *Ecole Polytechnique Fédérale de Lausanne (EPFL), Switzerland & ICSU Review Panel « Science Education »*

- **United Nations Decade of Education for Sustainable Development**

Shivali Lawale - *Division for the Coordination of UN Priorities in Education UNESCO, Paris, France*

17:30

Closing of the Conference

**Closing of the conference**

Jüri Engelbrecht – *President ALLEA*

19:30

Dinner

The Royal Swedish Academy of Letters, History and Antiquities