



Hirvonen Susanna: A Sad Fox (2005) – Acrylic on board

## PUBLIC EDUCATION – THE FOUNDATIONS OF EXCELLENCE

14:00 – 16:30 November 10, 2010

**Chair: Valéria Csépe**

Deputy Secretary General of HAS  
Chair of the Presidential Committee of Public Education, HAS

**14:00 Patrick Scheinin**

Dean of the Faculty of Behavioral Sciences,  
University of Helsinki  
What's so special about Finnish schools?

**14:40 Kirsti Lonka**

Faculty of Behavioral Sciences, University of Helsinki  
New innovations in teacher education

**15:20 Benő Csapó**

Faculty of Humanities, University of Szeged  
Learning from the Finnish experience:  
research-based development of education.

**16:00 GENERAL DISCUSSION**

**16:30** Closing

## FURTHER PROGRAMS

### ROUND TABLE – THE EARTH IS OURS, WHAT DO WE DO FOR IT?

November 5, 2010, Reading Hall, Main Building of HAS, 11:00 – 12:30

The round table's main objective is to draw attention to climate change and its consequences as well as to define what scientists, artists and environmentalists may do for a better communication of the problems mankind faces.

The Finnish guest of the round table is Risto Isomäki, writer and environmentalist. His book and graphic novel "Sands of Sarasvati" has been translated into Hungarian with the title of "Elsodort világok" and is introduced to the Hungarian public on November 4, 2010.

**Exhibition:** The beauty of "outsider art"  
November 9-23, 2010, Main Building of HAS,  
Main Gallery of the Art Collection of HAS

**Opening by:** Harriet Lonka (Finnagora)  
Valéria Csépe (Hungarian Academy of Sciences)

**On:** November 9, 2010 at 17:00.

Selected artworks of the Kettuki Art Center (Hämeenlinna, Finland) can be seen for three weeks including the Finnish Science Days. The Kettuki Art Center is acquiring and maintaining its own art collection of works made by mentally disabled artists. The specialty of this exhibition is the parallel display of the Finnish works and their Hungarian "counterparts" maintained by the Hungarian Academy of Sciences' own Collection of Psychiatric Art.

Látni, amit mindenki lát, és gondolni, amit még senki sem gondolt.

Náhdá, minkä kaikki näkevät ja ajatella, niin kuin ei vielä kukaan.

To see what everybody else has seen, and to think what nobody else has thought.

(Albert Szent-Györgyi)

## THE HUNGARIAN ACADEMY OF SCIENCES

CORDIALLY INVITES YOU TO



FINN - MAGYAR  
NAPOK



finnagora

## FINNISH SCIENCE DAYS

BUDAPEST, NOVEMBER 9-10, 2010

**Grand Hall,**

Main Building of the Hungarian Academy of Sciences  
9, Roosevelt Sq., Budapest, 1051 Hungary



## OPENING CEREMONY

10:00 – 13:00, November 9, 2010

### 10:00 OPENING ADDRESSES

#### József Pálinkás

President of the Hungarian Academy of Sciences

#### Arja Kallio

Director of the Programme Unit, Academy of Finland

### 10:40 CLIMATE CHANGE – FATE OR CHALLENGE?

#### Chair: Tamás Németh

Secretary General of the Hungarian Academy of Sciences  
Chair of the Presidential Committee of Environmental Sciences, HAS

#### Esko Kuusisto

Finnish Environment Institute  
Climate change research in Finland – reflections on energy policy

#### László Bozó

Hungarian Meteorological Service  
Climate change: Consequences and challenges in Central Europe

### 12:20 CLOSING SPEECHES

#### Riina Neuvamäki

Secretary of State, Ministry of Employment and Economy, Finland

#### Pál Kovács

Deputy Secretary of State  
Ministry of National Development, Hungary

## GROUND-, MINERAL AND THERMAL WATER CHALLENGES AND OPPORTUNITIES OF THE 21<sup>ST</sup> CENTURY

14:00 – 17:00 November 9, 2010

#### Chair: Gabor Gaál

Geological Survey of Finland

### 14:00 OPENING

#### Harriet Lonka

Director of Finnagora, Budapest

### 14:10 Ilmo Kukkonen

Geological Survey of Finland  
Geothermal studies in Finland: Implications for crustal geothermics and perspectives for ground heat applications

### 14:40 Jussi Leveinen

Aalto University  
Flow models in groundwater studies

### 15:10 Gabor Gaál and Juha Kaija

Geological Survey of Finland  
Geochemical quality of groundwaters in Hungary, results of a European PHARE research program and other EU projects

### 15:40 Ferenc Székely,

Péter Szűcs and László Barkai, University of Miskolc  
Challenges and opportunities in the prospecting and utilisation of Hungarian mineral, cure and thermal water resources

### 16:10 Annamária Nádor,

György Tóth, Teodóra Szócs, Ágnes Rotár-Szalkai and Gyula Maros, Geological Institute of Hungary  
Geological resources: crossborder geothermal energy

### 16:40 Closing

## MUSIC, MIND, AND THE BRAIN

10:00 – 13:00 November 10, 2010

#### Chair: Valéria Csépe

Deputy Secretary General of HAS  
Chair of the Presidential Committee of Public Education, HAS

### 10:00 Ava Numminen

Arts Council of Helsinki Metropolitan Region, Sibelius Academy, University of Helsinki  
A socio-cultural approach to the psychological and social implications of singing

### 10:30 Jaakko Erkkilä

University of Jyväskylä  
Music therapy in clinical practice

### 11:00 Jörg Fachner

University of Jyväskylä  
How the brain responds to music therapy?

### 11:30 Minna Huotilainen and Tarja Ilkka

University of Helsinki  
Musical memory functions in children

### 12:00 Ferenc Honbolygó

Research Institute for Psychology, HAS  
Music as "brain polisher": the effect of musical training on speech perception

### 12:30 István Winkler

Research Institute for Psychology, HAS  
Auditory intelligence at birth

### 13:00 Closing