

*Conference on Bioscience and Society: Organisms as Living Systems,*  
Slovenia, October 21-22, 2010.

## Programme

### Thursday, October 21, 2010

7.30-8.30 Registration  
9.00-9.30 Welcome address:  
Amalija Žakelj, the National Education Institute of Slovenia  
representative  
Opening speech by the patron of the Symposium:  
**Danilo Türk**, the president of the Republic of Slovenia

#### I. Organisms as living systems

**Chair: Marjan Rupnik**

9.30-10.15 **Denis Noble:** An organism as a living system

10.15-10.55 *Coffee break*

10.55-11.20 **Dean Korošak:** Networks and self organization in biological systems  
11.20-11.45 **Gregor Zupančič:** How does the nerve cell process information?  
11.45-12.10 **Marjan Rupnik:** 1 gram per liter or more when needed

12.10-13.40 *Lunch break*

13.40-14.05 **Marko Debeljak:** The importance of systems approach to complex  
living systems for sustainable development

#### II. Ontogenetic development

**Chair: Gregor Zupančič**

14.05-14.50 **Benjamin Podbilewicz:** How cells form organs  
14.50-15.15 **Robert Zorec:** Biology of Ageing

15.15-15.55 *Coffee break*

15.55-16.20 **Aleš Kladnik:** How the seed develops and why the cells also need to die?  
16.20-17.30 **General discussion**  
**Chair: Gregor Zupančič**  
Denis Noble  
Marjan Rupnik  
Matija Gogala  
Benjamin Podbilewicz  
Robert Zorec

17.30-17.55 **Denis Noble, Marjan Rupnik:** The presentation of the Slovenian  
translation of the book *The music of life*

17.55-19.00 **Conference evening**  
**Chair: Simona Strgulc Krajšek**  
**Lado Jakša: Musical performance**  
**Jože Trontelj:** Awards for secondary school students participating at the  
International Biology Olympiad  
**Lado Jakša: Musical performance**

19.00-21.00 *Dinner*

**Friday, October 22, 2010**

**III. Animal behaviour**

**Chair: Matija Gogala**

- 9.00-9.45 **Eva Jablonka:** Animal traditions  
9.45-10.10 **Maja Gašperšič:** Material culture of savanna chimpanzees (*P.t.verus*) in Senegal  
10.10-10.55 **Eörs Szathmáry:** Evolution of language  
*10.55-11.35 Coffee break*  
11.35-12.00 **Matija Gogala:** Communication of animals through sound

**IV. Biology and society**

**Chair: Jože Vogrinc**

- 12.00-12.45 **Oren Harman:** The Price of Altruism, and the Limits of Scientific Inquiry  
*12.45-14.15 Lunch break*  
14.15-14.40 **Jože Trontelj:** Dual use of biology and medicine – 'human enhancement'  
14.40-15.05 **Renata Salecl:** Future perfect - new and old mythologies of control of the body, death and reproduction  
15.05-15.50 **Liv Sissel Grønmo:** Where has all the knowledge gone?  
*15.50-16.30 Coffee break*  
16.30-16.55 **Andreja Barle Lakota:** Superficial Forms Robbed of Their Essence (Coffee Without caffeine or School without Knowledge)  
16.55-17.55 **General discussion**  
**Chair: Barbara Vilhar**  
Eva Jablonka  
Andreja Barle Lakota  
Liv Sissel Grønmo  
Jože Trontelj  
Jože Vogrinc  
17.55-18.00 The National Education Institute of Slovenia representative: Closing