

Program

Day 1. Thursday, 21.8.2008

- 8:00 – 9:00 Registration.
- 9:00 – 9:15 Welcoming words by Nokia Management.
- 9:15 – 10:00 Introductory speech by Prof. Igor Aleksander.
- 10:00 – 10:30 Coffee break.
- Session 1. Consciousness Models;** session chairman: Riccardo Manzotti.
- 10:30 – 11:00 Antonio Chella: *Robotanic: an externalist outlook of a robot architecture.*
- 11:00 – 11:30 Will Browne: *Emotional cognitive steps towards consciousness.*
- 11:30 – 12:00 Ricardo Sanz and Carlos Hernández: *Systems, models and self-awareness: A SysML model of consciousness.*
- 12:00 – 13:00 Lunch
- Session 2. Systems and Architectures;** session chairman: Ricardo Sanz.
- 13:00 – 13:30 Ben Goertzel: *Achieving advanced machine consciousness through integrative, virtually embodied artificial general intelligence.*
- 13:30 – 14:00 Yasuo Kinouchi: *A logical model of consciousness on a neural network system with a simple abstract brain-like structure.*
- 14:00 – 14:30 Harri Valpola: *The engine of thought - a bio-inspired mechanism for distributed selection of useful information.*
- 14:30 – 15:00 Uma Ramamurthy: *Might a LIDA Controlled Robot be Phenomenally Conscious?*
- 15:00 – 15:30 Coffee break.
- 15:30 – 17:00 **Round Table Discussion;** moderator: Prof. Igor Aleksander.
- 19:00 – 21:00 **Buffet Party.**

Day 2. Friday, 22.8.2008

- 9:00 – 9:05 Introduction to day 2.
- Session 3. Imagination and Phenomenology;** session chairman: Germund Hesslow.
- 9:05 – 9:35 Hugo Gravato Marques: *An anthropomimetic robot with imagination: one step closer to machine consciousness?*
- 9:35 – 10:05 David Gamez: *A systematic approach to synthetic phenomenology.*
- 10:05 – 10:30 Coffee break.
- Session 4. Phenomenology and Qualia;** session chairman: Antonio Chella.
- 10:30 – 11:00 Riccardo Manzotti: *Physical foundations of phenomenal content in a conscious machine.*
- 11:00 – 11:30 Germund Hesslow: *Can machines have Qualia?*
- 11:30 – 12:00 Pentti Haikonen: *The role of qualia in machine consciousness; nothing or everything?*
- 12:00 – 13:00 Lunch
- Session 5. Special Issues;** session chairman: Pentti Haikonen.
- 13:00 – 13:30 Markku Åberg: *Neuron microchips.*
- 13:30 – 14:00 Raúl Arrabales Moreno: *ConsScale: A plausible test for machine consciousness?*
- 14:00 – 14:30 Emmanuel Lesser, Charles Jorgensen: *A Cognitive Approach to Silent Speech Recognition.*
- 14:30 – 15:00 Ron Chrisley: *An expectation-based robotic model of affective experience.*
- 15:30 – 15:30 Coffee break.
- 15:30 – 17:00 **Concluding Discussion;** moderator: TBA.
- End of workshop.**