

Department of Interdisciplinary Activities, New Technologies Research Centre
Department of Cybernetics, Faculty of Applied Sciences
at University of West Bohemia in Pilsen

Announcement of International Conference

BEYOND AI

ARTIFICIAL GOLEM INTELLIGENCE 2013

November 12–14, 2013
Pilsen, University of West Bohemia

Registration opens: **July 1, 2013**
Deadline for submission of papers: **September 10, 2013**
Notification of acceptance/rejection: **September 22, 2013**

Keynotes:

Rachel Armstrong (University of Greenwich)
Ron Chrisley (University of Sussex)
Hamid Ekbia (Indiana University)
Ben Goertzel (AGI Society)
J. Storrs Hall (Independent scientist)
Jana Horakova (Masaryk University, Brno)
Brian Cantwell Smith (University of Toronto)
Kevin Warwick (University of Reading)
Joanna Zylińska (Goldsmiths, University of London)

The third annual international conference Beyond AI will focus on Artificial General Intelligence (AGI). However, instead of asking where the AGI field stands and what methods and algorithms we should explore, we want to find answers to this question:

Why is AGI a holy grail of the AI field?

Interdisciplinary dialogue between experts from engineering, natural sciences and humanities is encouraged. Contributions to the following and other similar topics are welcomed:

- *History of AGI* (AGI as the original goal of AI research; pursuit of cybernetic brain; AI and cybernetics; dissolution of AI into engineering; AGI rise & fall & rise)
- *Nature of Intelligence* (alternatives to AGI; natural and artificial intelligence; humans as AGI; externalism and extended mind; whole-brain emulation)
- *Risks and Ethical Challenges* (cognitive biases; switching off AGI; AGIs as slaves; responsibility of AGI's agency)
- *Faith in AGI* (AGI and Genesis 1:26; Rabbi Loew & AGI & Golem; Shemhamphorasch in silicio; Kabbalah in AI labs)
- *Social and Cultural Discourse* (us & the others; gender in humans and AGIs; social and narrative construction of AGI; science fiction as social reality; cross-cultural perception)
- *Invoking Emergence* (multiagent systems; neural networks as the second best way to implement a solution; is GOFAI dead?)
- *AI and Art* (cyborg and robot design; uncanny valley; cyberpunk art; machines as artists)

The official language of the conference is English. The papers recommended by the Programme Committee on the basis of a double-blind peer review process will be published in the conference proceedings. Similar to the last years, authors of the accepted papers will have an opportunity to extend their papers after the conference and include them in the proceedings that will be offered to Springer for publication.

Programme Committee

Jiří Beran (Psychiatry Clinic, University Hospital, Pilsen)
Tarek R. Besold (Institute of Cognitive Science, University of Osnabrück)
Jan Betka (Department of Otorhinolaryngology and Head and Neck Surgery, University Hospital Motol, Prague)
Nick Campbell (School of Linguistic, Speech and Communication Sciences, Trinity College, Dublin)
David Díaz Pardo de Vera (Signals, Systems and Radiocommunication Department, Technical University of Madrid)
Hamid Ekbia (School of Library and Information Science, Indiana University, Bloomington)
Luis Hernández Gómez (Signals, Systems and Radiocommunication Department, Technical University of Madrid)
Ivan M. Havel (Centre for Theoretical Study, Prague)
Søren Holm (School of Law, University of Manchester)
Jozef Kelemen (Institute of Computer Science, Silesian University, Opava)
Kevin LaGrandeur (New York Institute of Technology)
Vladimír Mařík (Faculty of Electrical Engineering, Czech Technical University, Prague)
Peter Mikulecký (Faculty of Informatics and Management, University of Hradec Králové)
Hugo Pinto (AI Engineers Ltda, Porto Alegre)
Josef Psutka (Faculty of Applied Sciences, University of West Bohemia, Pilsen)
Raúl Santos de la Cámara (HI Iberia R&D, Madrid)
Kevin Warwick (School of Systems Engineering, University of Reading)
Yorick Wilks (Florida Institute for Human & Machine Cognition)
Enrico Zovato (Loquendo, Torino)

Guidelines for submission of papers

Papers (5–8 pages in the Springer LNCS format, including references) must be written in English and be prepared for double-blind review process, with all self-reference and personal data suppressed. Papers should contain not only the issue discussed or the position defended but also indicate the outline of the argument. Submission has to be made through the Beyond AI website.

Funding for best papers

Hotel accommodation at the conference venue will be funded for the authors of 8 best papers according to the review outcomes and Programme Committee decision.

<http://beyondai.zcu.cz>

moa@ntc.zcu.cz

This conference is supported by the ESF project “Interdisciplinary Partnership for Artificial Intelligence” (CZ.1.07/2.4.00/17.0055)

