

# AGI - the Artificial General Intelligence Conference

Schedule of HLAI-18 with a schedule of AGI 2018

Wednesday 22 August	Thursday 23 August
8:00-9:00 Registration & coffee	8:00-9:00 Registration & coffee
8:30-9:00 Posters setup	9:00-10:00 Paul Smolensky (K)
10:00-12:00 Tutorial Session: "Comparing intrinsic motivations in a unified framework"	10:00-11:30 AGI Meets Blockchain: Workshop by AGI
12:00-13:00 Lunch	11:30-11:45 Coffee
13:00-14:00 Joint Poster Session	<b>11:45-13:00 Talk Session 2: Cognitive Architectures</b>
14:00-14:45 Thomas Parr (K)	13:00-14:00 Lunch
14:45-15:00 Coffee break	14:00-15:00 Dileep George (K)
15:00-16:00 Tomas Mikolov (K)	<b>15:00-16:45 Talk Session 1: Algorithms continued</b>
<b>16:00-17:00 Panel Session on Machine Consciousness</b>	16:45-17:00 Coffee break
<b>17:00- 18:00 Talk Session 1: Algorithms</b>	<b>17:00-18:30 Talk Session 3: Modeling and Evaluation</b>
19:00-22:00 Opening dinner: Masarykova Kolej	

\*The oral presentations are scheduled as follows. Each presentation will be allotted 15 minutes. At the end of the session, the presenters for that session.

<b>Wednesday 22 August</b>	<b>Thursday 23 August</b>
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**Talk Session: Algorithms**      **17:00-18:00**  
**Locations:**

Technická 4, Prague 6, Dejvice Czech Technical University Faculty of Mechanical Engineering (ČVUT Fakulta strojni)

- “Associative memory: an embodied spiking neural network robotic implementation,” André Cyr, Frédéric Thériault, Matthew Ross and Sylvain Chartier  
— “Partial Operator Induction with Beta Distributions,” Nil Geisweiller

**Talk Session 2: Cognitive Architectures**  
**11:45-13:00**

**Location:**

Technická 4, Prague 6, Dejvice Czech Technical University Faculty of Mechanical Engineering (ČVUT Fakulta strojni)

- “DSO Cognitive Architecture: Implementation and Validation of the Global Workspace Enhancement,” Khin Hua Ng, Zhiyuan Du and Gee Wah Ng  
— “Request Confirmation Networks in MicroPsi 2,” Joscha Bach and Katherine Gallagher  
— “Functionalist Emotion Model in NARS,” Xiang Li, Patrick Hammer, Pei Wang and Hongling Xie

	<p><b>Talk Session 3: Modeling and Evaluation</b>  <b>17:00-18:30</b> <b>Location:</b> Technická 4, Prague 6, Dejvice Czech Technical University Faculty of Mechanical Engineering (ČVUT Fakulta strojn)</p> <ul style="list-style-type: none"> <li>— “Zeta Distribution and Transfer Learning Problem,” Eray Ozkural</li> <li>— “How Failure Facilitates Success,” Mark Wernsdorfer</li> <li>— “The Temporal Singularity: time-accelerated simulated civilizations and their implications,” Giacomo Spigler</li> <li>— “Towards General Evaluation of Intelligent Systems: Using Semantic Analysis to Improve Environments in the AIQ Test,” Ondřej Vadinský</li> </ul>

\* Free access to the online proceedings will be granted by Springer Nature for all conference-participants for Click [here](#) to obtain this free access.

In addition to the keynote addresses as listed on the main HLAI program at [Overall HLAI Program Schedule](#)

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<b>Friday 24 August</b>	<b>Saturday 25 August</b>
8:00-9:00 Registration & coffee	8:30-9:30 Registration & coffee
<b>9:00-10:30 Talk Session 4: Philosophy, Social Sciences, and Knowledge Acquisition</b>	9:30-11:00 Road map to HLAI
10:30-10:45 Break	
<b>11:00-12:30 AGI Keynote by Josef Urban: “No one shall drive us from the semantic AI paradise of computer-understandable math and science.”</b>	11:00-11:30 Coffee break
12:30-13:30 Lunch	11:30-13:00 Nature-Inspired AI
<b>14:45-16:45 Talk Session 5: Computer Vision, Language Learning, Deep Learning</b>	13:00-14:00 Lunch
16:45-17:00 Coffee break	14:00-15:45 How AI Systems Learn
17:00-18:00 BICA Society Panel and Keynote – Dr. Vladimir G. Red'ko, Russian Academy of Sciences: Modeling of Cognitive Evolution	15:45-16:15 Coffee break
	16:15-18:00 Towards Beneficial AI
	18:00-20:00 Evening cocktail Location: theater halls
of each session, there will be a panel session consisting of	
<b>Friday 24 August</b>	

**Talk Session 4: Philosophy, Social Sciences, and Knowledge Acquisition**  
**9:00-10:30**

**Location:** Technická 4, Prague 6, Dejvice Czech Technical University Faculty of Mechanical Engineering (ČVUT Fakulta strojn)

— “Transforming Kantian Aesthetic Principles into Qualitative Hermeneutics for Contemplative AGI Agents,” Jeremy Turner and Steve Dipaola

—“Towards a Sociological Conception of Artificial Intelligence,” Jakub Mlynář, Hamed Alavi, Himanshu Verma and Lorenzo Cantoni

— “Task Analysis for Teaching Cumulative Learners,” Jordi Bieger and Kristinn R. Thorisson

—“Cumulative Learning With Causal-Relational Models,” Kristinn R. Thórisson and Arthur Talbot

<p><b>Talk Session 5: Computer Vision, Language Learning, Deep Learning</b>  <b>14:45-16:45</b>  <b>Location:</b> Technická 4, Prague 6, Dejvice Czech Technical University Faculty of Mechanical Engineering (ČVUT Fakulta strojn)  — “Vision System for AGI: Problems and Directions,” Alexey Potapov, Sergey Rodionov, Maxim Peterson, Oleg Scherbakov, Innokentii Zhdanov and Nikolai Skorobogatko  — “Semantic Image Retrieval by Uniting Deep Neural Networks and Cognitive Architectures,” Alexey Potapov, Innokentii Zhdanov, Oleg Scherbakov, Nikolai Skorobogatko, Hugo Latapie and Enzo Fenoglio  — “The Foundations of Deep Learning with a Path Towards General Intelligence,” Eray Ozkural — “A Time-critical Simulation of Language Comprehension,” Mark Wernsdorfer — “A Computational Theory for Life-Long Learning of Semantics,” Peter Sutor, Douglas Summers-Stay and Yiannis Aloimonos —  “Unsupervised Language Learning in OpenCog,” Anton Kolonin, Andres Suarez, Alex Glushchenko, Ben Goertzel, Claudia Castillo, Linas Vepstas, Man Hin Leung and Oleg Baskov</p>	
<p>or a period of four weeks beginning 6 August 2018.</p>	
<p>le, there will be an additional keynote address on 24 August 20</p>	