

TransAIR Virtual Workshop on Cognitive Architectures for Robot Agents

Schedule

Daily Timings: 9:00 a.m. – 12:00 p.m. in Eastern Daylight Time (EDT) / 2:00 p.m. – 5:00 p.m. in Central European Time (CET)

Timezone EDT	Timezone CET	Mon 22.03.	Tue 23.03.	Wed 24.03.	Thur 25.03.	Fri 26.03.	Sat 27.03.	Sun 28.03
8:30 AM - 9:00 AM	1:30 PM - 2:00 PM	Enter the Venue	Networking	Networking	Networking	Networking		
9:00 AM - 9:10 AM	2:00 PM - 2:10 PM	Welcome Michael Beetz, Giulio Sandini, David Vernon	Q&A: Minoru Asada Affective Architecture: Pain, Empathy, and Ethics	Q&A: Matthias Scheutz The DIARC Architecture for Autonomous Interactive Robots	Q&A: Agnieszka Wykowska Mechanisms of Human Cognition in Interactions	Q&A: Angelo Cangelosi Developmental Robotics - Language Learning, Trust and Theory of Mind		
9:10 AM - 9:20 AM	2:10 PM - 2:20 PM		Moderation: Ana Tanevska	Moderation: Maria Hedblom	Moderation: Maria Hedblom	Moderation: Gayane Kazhoyan		
9:20 AM - 9:30 AM	2:20 PM - 2:30 PM	Networking	Networking	Networking	Networking	Networking		
9:30 AM - 9:40 AM	2:30 PM - 2:40 AM	Watch pre-recorded Talks	Watch pre-recorded Talks	Watch pre-recorded Talks	Watch pre-recorded Talks	Watch pre-recorded Talks		
9:40 AM - 9:50 AM	2:40 PM - 2:50 PM	Q&A: Yiannis Aloimonos Minimalist Cognitive Architectures	Q&A: Kazuhiko Kawamura Cognitive Robotics and Control	Q&A: John Laird The Soar Cognitive Architecture: Current and Future Capabilities	Q&A: Jeffrey Krichmar Neurobotics: Connecting the Brain, Body and Environment	Q&A: Alessandra Sciutti A Social Perspective on Cognitive Architectures		
9:50 AM - 10:00 AM	2:50 PM - 3:00 PM	Moderation: Ana Tanevska	Moderation: Maria Hedblom	Moderation: Ana Tanevska	Moderation: Maria Hedblom	Moderation: Gayane Kazhoyan		
10:00 AM - 10:10 AM	3:00 PM - 3:10 PM	Networking	Networking	Networking	Networking	Networking		
10:10 AM - 10:20 AM	3:10 PM - 3:20 PM	Watch pre-recorded Talks	Watch pre-recorded Talks	Watch pre-recorded Talks	Watch pre-recorded Talks	Watch pre-recorded Talks		
10:20 AM - 10:30 AM	3:20 PM - 3:30 PM	Q&A: Helge Ritter Collaborating on Architectures: Challenges and Perspectives	Q&A: Tomaso Poggio Circuits for Intelligence	Panel Discussion 1: Yiannis Aloimonos Tamim Asfour Sean Kugele John Laird Matthias Scheutz Ron Sun	Panel Discussion 2: Kazuhiko Kawamura Jeffrey Krichmar Tomaso Poggio Agnieszka Wykowska	Panel Discussion 3: Minoru Asada Angelo Cangelosi Yiannis Demiris Helge Ritter Alessandra Sciutti	Networking	Networking
10:30 AM - 10:40 AM	3:30 PM - 3:40 PM	Moderation: Gayane Kazhoyan	Moderation: Maria Hedblom	Learning and Adaptation in the Minimalist Cognitive Architecture Moderation: Ana Tanevska	Understanding Human Cognition through Modelling the Human Brain Moderation: Maria Hedblom	Developmental Cognitive Robotics as a Gateway to a More Natural HRI Moderation: Gayane Kazhoyan	Watch pre-recorded Talks	Watch pre-recorded Talks
10:40 AM - 10:50 AM	3:40 PM - 3:50 PM	Networking	Networking					
10:50 AM - 11:00 AM	3:50 PM - 4:00 PM	Watch pre-recorded Talks	Watch pre-recorded Talks					
11:00 AM - 11:10 AM	4:00 PM - 4:10 PM	Q&A: Yiannis Demiris Cognitive Architectures for Assistive Robot Agents	Q&A: Sean Kugele The LIDA Cognitive Architecture - An Introduction with Robotics Applications	60 min. Panel Discussion	60 min. Panel Discussion	60 min. Panel Discussion		
11:10 AM - 11:20 AM	4:10 PM - 4:20 PM	Moderation: Gayane Kazhoyan	Moderation: Ana Tanevska	20 min. Questions from the Public	20 min. Questions from the Public	20 min. Questions from the Public		
11:20 AM - 11:30 AM	4:20 PM - 4:30 PM		Networking	20 min. Breakout	20 min. Breakout	20 min. Breakout		
11:30 AM - 11:40 AM	4:30 PM - 4:40 PM	Networking	Watch pre-recorded Talks					
11:40 AM - 11:50 AM	4:40 PM - 4:50 PM	Watch pre-recorded Talks	Q&A 9: Ron Sun Clarion: A comprehensive, Integrative Cognitive Architecture					
11:50 AM - 12:00 PM	4:50 PM - 5:00 PM		Moderation: Ana Tanevska					
12:00 PM - 12:20 PM	5:00 PM - 5:20 PM	New Technologies and the Future of Work				Farewell Michael Beetz, Giulio Sandini, David Vernon		
12:20 PM - 12:40 PM	5:20 PM - 5:40 PM	German-American Online Talk on cooperation in science, technology and innovation. https://www.cogsearch-ig-germany.org/the-future-of-work.html	Networking	Networking	Networking	Networking		
12:40 PM - 13:00 PM	5:40 PM - 6:00 PM		Watch pre-recorded Talks	Watch pre-recorded Talks	Watch pre-recorded Talks	Watch pre-recorded Talks		

open time slots for breaks, networking, meetings, etc.
 live sessions are taking place in the plenary room

In conjunction with the live sessions in the plenary room, the venue offers virtual booths in the exhibition room providing further information about the invited talks and speakers, a lobby and meeting rooms for networking as well as a media room for watching additional content about the workshop topic.
Three meeting rooms are prepared for networking purposes, equipped with brainstorming boards.

Panel Discussion 1: Learning and Adaptation in the Minimalist Cognitive Architecture
The minimal functional requirements for a cognitive architecture: The role of learning and adaptation in understanding the effect of your actions on the world

Panel Discussion 2: Understanding Human Cognition through Modelling the Human Brain
Neuroscience and computational intelligence: understanding human cognition by modeling the functionalities of the human brain

Panel Discussion 3: Developmental Cognitive Robotics as a Gateway to a More Natural HRI
Developmental cognitive robotics and HRI: Exploring how the developmental approach in robotics can bring forward a more natural HRI