

	Mo., 08/05	Tu., 09/05	We., 10/05	Th., 11/05	Fr., 12/05
07:30 - 08:45	Breakfast				
09:00 - 10:15ish	Intro & Rules of the Game	Thill	Hupkes	Stenning	Hackathon
		Taatgen	Alhama	Weyde	
	Lamb	Borst	Spranger	Davidson	
10:30ish	Coffee				
10:45 - 12:15	Garcez	Bechberger	Stenning	Hackathon	Hackathon Summary & Wrap-Up
	Jay	Lewis	Furbach		
	Besold	Seeliger	Kühnberger		
12:15 - 13:45	Lunch				Lunch (-13:00)
13:45 - 15:30	Doran	Seeliger	Excursion (vs.) Hike (vs.) Hackathon	Hackathon	
	Hitzler	van der Velde			
	Serafini	de Kamps			
15:30 - 15:45	Coffee			Coffee	
15:45 - 18:00ish	Gori	Hackathon		Hackathon	
	Silver				
	van der Velde				
	de Kamps				
18:00ish - 19:30	Dinner				
19:30 - 20:30	Evening Discussion with Caroline Jay	Evening Discussion with Keith Stenning	free	free	

Monday, 08/05:

09:00 – 10:15ish:

- Introduction & Rules of the Game
- Lamb: From Turing to Deep Learning – Explaining Artificial Intelligence through neurons and symbols

10:45 – 12:15:

- Garcez: Neural-Symbolic Computing for Human-Like Computing
- Jay: Human Perception of Ontologies
- Besold: Comprehensible Inductive Logic Programming

13:45 – 15:30:

- Doran: Explainable Interpretations of Trained Deep Networks
- Hitzler: Semantic Web Resources for Understanding Trained Deep Networks
- Serafini: Logic Tensor Networks

15:45 – 18:00ish:

- Gori: Parsimonious logic and constraint machines
- Silver:
 - o A Scalable Unsupervised Deep Multimodal Learning System
 - o Learning in a Community of Agents Sharing Symbols of Concepts

19:30 – 20:30:

- Jay: Human-like Software Engineering

Tuesday, 09/05:

09:00 – 10:15ish:

- Thill: Tying Theories of Embodiment to Symbolic Levels of Reasoning
- Taatgen: Multiple Levels of Abstraction in Simulating Human-Like Intelligence
- Borst: Using Evidence Accumulation to Bridge the Gap between Neural Networks and Symbolic Cognitive Control

10:45 – 12:15:

- Bechberger: Conceptual Spaces – A Bridge Between Neural and Symbolic Representations?
- Lewis: Compositional Distributional Cognition

13:45 – 15:30:

- Seeliger: Neural Network Representations and Visual Processing in Brains
- Van der Velde: Overview of Neural-Symbolic Processing in Neural Blackboard Architectures
- De Kamps: Dynamics for the Neural Blackboard Architecture

15:45 – 18:00ish:

- Hackathon

19:30 – 20:30:

- Stenning: Experiments on how People Deal with Uncertainty

Wednesday, 10/05:

09:00 – 10:15ish:

- Hupkes: tba.
- Alhama: Pre-Wiring and Pre-Training – What does a neural network need to learn to truly general identity rules?
- Spranger: Neural Construction Grammar – Some thoughts on language processing, learning and evolution in grounded, neural-symbolic systems

10:45 – 12:15:

- Furbach: Tackling Commonsense Reasoning Benchmarks
- Kühnberger: Industrial Scale Cognitive Computing

13:45 – 15:30:

- Excursion vs. Hike vs. Hackathon

15:45 – 18:00ish:

- Excursion vs. Hike vs. Hackathon

Thursday, 11/05:

09:00 – 10:15ish:

- Stenning: Distinguishing kinds of uncertainty
- Weyde: tba.
- Davidson: tba.

10:45 – 12:15:

- Hackathon

13:45 – 15:30:

- Hackathon

15:45 – 18:00ish:

- Hackathon

Friday, 12/05:

09:00 – 10:15ish:

- Hackathon Reports & Discussion

10:45 – 12:15:

- Wrap-Up & Follow-Up Initiatives