

International Summer School on Situation Awareness in Cognitive Technologies 2021

**Note: The program and topics are currently finalized with the speakers and are subject to change.*

Day 1

Monday, 6th September

| | | |
|---------------|--|---|
| From 10.00 | Registration | |
| 10.30 - 12.00 | Welcome and Introduction | |
| 12:00 - 13:30 | Lunch | |
| 13.30 - 15.00 | Multimodal Analyses in Human-Machine Interaction towards Group Interactions* | Ronald Böck University of Magdeburg |
| 15.00 - 15.30 | Coffee Break | |
| 15.30 - 17.00 | tba | tba |
| 17:00 - 17:30 | Daily Wrap-Up | |
| 19:00 | Get Together | |

Day 2

Tuesday, 7th September

| | | |
|---------------|---|---|
| 09.00 - 11.00 | tba | tba |
| 11.00 - 11.30 | Coffee Break | |
| 11.30 - 13.00 | Event-driven Perception for Robotics* | Chiara Bartolozzi Istituto Italiano di Tecnologia |
| 13.00 - 14.00 | Lunch | |
| 14.00 - 15.30 | Brain-Computer Interfaces and Neurotechnology* | Christoph Guger g.tec |
| 15.30 - 16.00 | Coffee Break | |
| 16.00 - 17.30 | Brain-Computer Interfaces and Neurotechnology Hands-On* | Christoph Guger g.tec |
| 17:30 - 18.00 | Daily Wrap-Up | |
| 19:30 | Social Activity / Summer School Dinner | |

Day 3

Wednesday, 8th September

| | | |
|---------------|---|---|
| 09.00 - 11.00 | Keynote at ICHMS Conference (tba) | |
| 11.00 - 11.30 | Coffee Break | |
| 11.30 - 13.00 | Interactive Artificial Intelligence: A definition and Research Challenges | Albrecht Schmidt LMU Munich |
| 13.00 - 14.00 | Lunch with posters | |
| 14.00 - 15.30 | Situational Awareness in Learning Systems | Chinmay Kulkarni Carnegie Mellon University |
| 15.30 - 16.00 | Coffee Break | |
| 16.00 - 17.30 | Situation Awareness in Cognitive Technologies | Catherine Burns University of Waterloo |
| 17:30 - 18:00 | Daily Wrap-Up | |
| 19.30 | Social Activities | |

Day 4

Thursday, 9th September

| | | |
|---------------|-------------------------------------|--|
| 09.00 - 11.00 | Keynote at ICHMS Conference (tba) | |
| 11.00 - 11.30 | Coffee Break | |
| 11.30 - 13.00 | Is mobile EEG really necessary? | Ivan Gligorijević mBrainTrain |
| 13.00 - 14.00 | Lunch with posters | |
| 14.00 - 15.30 | Panel Discussion: tba | Catherine Burns University of Waterloo Chinmay Kulkarni Carnegie Mellon University Ronald Böck University of Magdeburg |
| 15.30 - 16.00 | Coffee Break | |
| 16.00 - 17.30 | Affective Human-Machine Interfaces* | Tiago Falk MuSAE Lab, INRS Montreal |
| 17:30 - 18:00 | Daily Wrap-Up | |
| 19.00 | City Tour / Social Activity | |

Day 5

Friday, 10th September

| | | |
|---------------|--|--|
| 09.00 - 11.00 | Keynote at ICHMS Conference (tba) | |
| 11.00 - 11.30 | Coffee Break | |
| 11.30 - 13.00 | Safe, Trusted, and Explainable AI in human-AI partnership* | Daniele Magazzeni JPMorgan, King's College London |
| 13.00 - 14.00 | Lunch with posters | |
| 14.00 - 15.30 | How to make AI systems explainable?* | Abir Das Boston University, IIT Kharagpur |
| 15.30 - 16.00 | Coffee Break | |
| 16.00 - 17.30 | How to make AI systems explainable?* | Abir Das Boston University, IIT Kharagpur |
| | Hands-On | |
| 17:30 - 18:00 | Daily Wrap-Up | |
| 19.00 | Social Activity | |

Day 6

Saturday, 11th September

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|---------------|--------------------|
| 09.00 - 11.00 | Abridgement |
| 11.00 - 11.30 | Coffee Break |
| 11.30 - 13.00 | Abridgement |
| 13.00 - 14.00 | Lunch |
| 14.00 - 15.30 | Closing Ceremony |
| 15.30 | End of the program |