International Summer School on Situation Awareness in Cognitive Technologies 2021

Day 1
Monday, 6th September

From 10.00	Registration @OVGU G29-307	
10.30 - 11.00	Welcome and Introduction	
11.00 - 12.00	Pitch Presentations and Poster Session - Part 1	
12.00 - 13.00	Lunch	
13.00 - 14.30	Multimodal Analyses in Human-Machine Interaction towards Group Interactions	**Ronald Böck** University of Magdeburg
15.00 - 17.30	Boat Tour with Coffee @Weiße Flotte	
19:00	[optional/self-paid] Dinner @Magado	

Day 2
Tuesday, 7th September

09.00 - 11.00	Hands-On Workshop on **Cog**nitive neuroscience Inspired techniques for e**X**plainable **AI** (CogXAI)	**Sebastian Stober** **Andreas Krug** University of Magdeburg
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
18.00	City Tour Magdeburg starting from @Art Museum and Monastery »Unser Lieben Frauen«	
20.00	[optional/self-paid] Dinner together @LeFrog, Stadtpark	

Day 3
Wednesday, 8th September

09.00 - 11.00	Situation Awareness in Technology Design	**David Kaber** University of Florida
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	
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
18.00	Welcome Reception (jointly with ICHMS) @Tessenow Loft, Elbauenpark	

Day 4
Thursday, 9th September

09.00 - 10.00	ICHMS PhD Track (jointly with ICHMS)	
10.00 - 11.00	ICHMS Keynote: Advancing Musculoskeletal Models for Digital-Age Human-Machine Systems and Health Engineering	**Xudong Zhang** Texas A&M University
11.00 - 11.30	Coffee Break	
11.30 - 13.00	Is mobile EEG really necessary?	**Ivan Gligorijević** mBrainTrain
13.00 - 14.30	Lunch	
14.30 - 16.00	Affective Human-Machine Interfaces	**Tiago H. Falk** MuSAE Lab, INRS Montreal
16.00 - 16.30	Coffee Break	
16.30 - 18.00	Panel: Situation Awareness in Cognitive Technologies (jointly with ICHMS) Panel: tba	Chairs: **Ronald Böck** University of Magdeburg **Tiago H. Falk** MuSAE Lab, INRS Montreal
19.00	Summer School Dinner (jointly with ICHMS) @Africambo Lodge, Zoo Magdeburg *Bus from G22A 18.15, Bus back 23.00*	

Day 5
Friday, 10th September

08.30 - 10.00	ICHMS Poster Sessions		
10.00 - 10.30	Coffee Break		
10.30 - 12.00	Safe, Trusted, and Explainable AI in human-AI partnership	**Daniele Magazzeni**	JPMorgan, King's College London
12.00 - 13.00	Software Demos and Pitch Presentations and Poster Session - Part 2		
13.00 - 14.00	Lunch		
14.00 - 15.00	Keynote ICHMS @Hörsaal 1 Interactive Spaces for Ubiquitous Data	**Raimund Dachselt**	TU Dresden
15.00 - 15.30	Coffee Break		
15.30 - 18.00	Workshop: How to make AI systems explainable?	**Abir Das**	Boston University, IIT Kharagpur
18.15	[optional] Visit to Wissenschaftshafen and Frauenhofer IFF Elbedom		
20.00	[optional/self-paid] Dinner and Get-together		

Day 6
Saturday, 11th September

09.00 - 11.00	Abridgement: Collective Learning Reflection
11.00 - 11.30	Coffee Break
11.30 - 12.30	Closing Ceremony
12.30 - 13.30	Lunch
From 13.30	End of the program [optional] Networking over coffee