

SENSYBLE 2020 Program

08:30 - 08:45 Welcome & Introduction

08:45 - 09:30 Smart and Connected Vehicles

08:45 - 09:00 [Assessment of Current Intrusion Detection System Concepts for Intra-Vehicle Communication](#)
Oleg Schell, Jan Peter Reinhard, Marcel Kneib and Martin Ring

09:00 - 09:15 [Development of a Vehicle Simulator for the Evaluation of a Novel Organic Control Unit Concept](#)
Melanie Brinkschulte

09:15 - 09:30 [Effects of the Sampling Technique on Sender Identification Systems for the Controller Area Network](#)
Marcel Kneib and Oleg Schell

09:30 - 09:45 Discussion Break

09:45 - 10:30 Smart Interaction with Real and Abstract Objects

09:45 - 10:00 [EAVE: Emotional Aerial Vehicle Evaluator](#)
Marc Lieser, Ulrich Schwanecke and Jörg Berdux

10:00 - 10:15 [Citcom - Citation Recommendation](#)
Melina Meyer, Jenny Frey, Tamino Laub, Marco Wrzalik and Dirk Krechel

10:15 - 10:30 [Bidirectional Transformer Language Models for Smart Autocompletion of Source Code](#)
Felix Binder, Johannes Villmow and Adrian Ulges

10:30 - 10:45 Discussion Break

10:45 - 11:30 Smart Sensors and Shared Environments

10:45 - 11:00 [A Decade of Energy Awareness Technology Evolution for Sensor Nodes](#)
Marcus Thoss

11:00 - 11:15 [BASE MoVE - A Basis for a Future-proof IoT Sensor](#)
Jens-Peter Akelbein, Kai Beckmann, Mario Hoss, Samuel Schneider, Stefan Seyfarth and Marcus Thoss

11:15 - 11:30 [Modeling of Change Response in Interweaving Systems as Ontology Alignment Adaption](#)
Matthias Jurisch and Bodo Iglar

11:30 - 11:45 Discussion Break

11:45 - 12:45 Lunch Break

12:45 - 13:45 Smart Applications Using Augmented Reality

12:45 - 13:00 [A Tangible Object for General Purposes in Mobile Augmented Reality Applications](#)
Linda Rau, Robin Horst, Yu Liu, Ralf Dörner and Ulrike Spierling

13:00 - 13:15 [Integration of Game Engine Based Mobile Augmented Reality Into a Learning Management System for Online Continuing Medical Education](#)
Robin Horst, Dennis Fenchel, Reimond Retz, Linda Rau, Wilhelm Retz and Ralf Doerner

13:15 - 13:30 [Presenters in Virtual Reality in Slideshow Presentations](#)
Robin Horst, Linda Rau, Lars Dieter, Manuel Feller, Jonas Gaida, Andreas Leipe, Julian Eversheim, Julia Wirth, Jörn Bachmeier, Julius Müller, Maik Melcher and Ralf Doerner

13:30 - 13:45 [A Discussion on Current Augmented Reality Concepts Which Help Users to Better Understand and Manipulate Robot Behavior](#)
Kai Groetenhardt

13:45 - 14:00 Discussion Break

14:00 - 14:45 Smart Foundations

14:00 - 14:15 [Requirements and Mechanisms for Smart Home Updates](#)
Peter Zdankin, Oskar Carl, Marian Waltereit, Viktor Matkovic and Torben Weis

14:15 - 14:30 [Complexity Analysis of Task Dependencies in an Artificial Hormone System](#)
Eric Hutter, Mathias Pacher and Uwe Brinkschulte

14:30 - 14:45 [Unified Approach to Static and Runtime Verification](#)
Olga Thoss, Andreas Werner, Robert Kaiser and Reinhold Kroeger

14:45 - 15:00 Discussion Break

15:00 - 15:30 Conclusion