

# Model Driven Software Engineering for Ambient Intelligence Applications

Workshop at the Aml-2007,  
7<sup>th</sup> of November 2007, 9.30 – 17.15,

Piloty building S2|02, Hochschulstr. 10, Technische Universität Darmstadt

- 9.30 – 9.45 Welcome
- 9.45 – 10.30 Invited Talk: Markus Lauff (SAP)  
*Model-based Development of Context-sensitive Mobile Business Applications*
- 10.30 – 11.00 *Coffee Break*
- 11.00 – 11.25 Emilio Iborra (AMI2), José Iborra (AMI2)  
*Modeling for users*
- 11.25 – 11.50 Matthias Thiel (NorCom Information Technology AG), Andreas Petter (TU Darmstadt),  
Alexander Behring (TU Darmstadt):  
*Usability Aware Model Driven Development of User Interfaces*
- 11.50 – 12.15 Tibor Bosse (Vrije Uni Amsterdam), Mark Hoogendoorn (Vrije Uni Amsterdam),  
Michel Klein (Vrije Uni Amsterdam), Jan Treur (Vrije Uni Amsterdam)  
*An Agent-Based Generic Model for Human-Like Ambience*
- 12.15 – 12.30 *Wrap-up*
- 12.30 – 13.30 *Lunch*
- 13.30 – 13.55 Luís Ferreira Pires (University of Twente), Nico Maatjes (University of Twente),  
Marten van Sinderen (University of Twente), Patrícia Dockhorn Costa (University of  
Twente)  
*Model-driven Approach to the Implementation of Context-aware Applications using  
Rule Engines*
- 13.55 – 14.20 Marco Blumendorf (TU Berlin), Sebastian Feuerstack (TU Berlin)  
*Multimodal User Interaction in Smart Environments: Delivering Distributed User  
Interfaces*
- 14.20 – 14.45 Jean Vanderdonckt (Université catholique de Louvain), Hildeberto Mendonca  
(Université catholique de Louvain), José Pascual Molina Massó (University of Castilla-  
La Mancha)  
*Distributed User Interfaces in Ambient Environment*
- 14.45 – 15.00 *Wrap-up*
- 15.00 – 15.30 *Coffee Break*
- 15.30 – 15.55 Maik Wurdel (Uni Rostock), Christoph Burghardt (Uni Rostock), Peter Forbrig (Uni  
Rostock)  
*Supporting Ambient Environments by Extended Task Models*
- 15.55 – 16.20 Sebastian Feuerstack (TU Berlin), Marco Blumendorf (TU Berlin)  
*Prototyping of Multimodal Interactions for Smart Environments based on Task Models*
- 16.20 – 16.45 Sebastian Adam (Fraunhofer IESE), Kai Breiner (Uni Kaiserslautern), Kizito Ssamula  
Mukasa (Fraunhofer IESE), Marcus Trapp (Uni Kaiserslautern)  
*Challenges to the Model-Driven Generation of User Interfaces at Runtime for Ambient  
Intelligent Systems*
- 16.45 – 17.15 *Workshop Wrap-up*