Wednesday, July 8th, 2015

9:00 - 10:00  Registration

10:00 - 10:30  Opening

10:30 - 11:30  Invited Speaker 1:
The Exterminator’s Tale: Software Bugs and How to Treat Them
   Michael Grottke

11:30 - 12:00  Coffee Break

12:00 - 13:30  Session 1: Recommendation, Classification & Emotion
   Session Chair: Christian Erfurth
   How the Distribution of the Number of Items Rated per User Influences the Quality of
   Recommendations
   Michael Grottke, Julian Knoll and Rainer Groß
   Multilayer Classification of Web Pages Using Random Forest and Semi-supervised
   Latent Dirichlet Allocation
   Karim Sayadi, Quang Vu Bui and Marc Bui
   Happy Hour – Improving Mood With An Emotionally Aware Application
   Pedro Carmona, David Nunes, Duarte Raposo, David Silva, Carlos Herrera
   and Jorge Sa Silva

13:30 - 15:00  Lunch Break

15:00 - 16:30  Session 2: Tracking, Location & eMobility
   Session Chair: Gerald Eichler
   Correlation Filter Based Visual Trackers for Person Pursuit Using a Low-Cost
   Quadrotor
   Klaus Haag, Sergiu Dotenco and Florian Gallwitz
   Generating Meaningful Location Descriptions
   Jörg Roth
   Applying Stochastic Methods for Range Prediction in E-Mobility
   Kai Gebhardt, Volkmann Schau and Wilhelm Rossak
**Thursday, July 9th, 2015**

| 9:00 - 10:30 | Session 3: Smart Energy, Metering & Sensor Networks  
|             | Session Chair: Florian Gallwitz |
|             | End User Centred Interactive Software Architecture and Design:  
|             | The Creation of Communities for a Smart Energy Use  
|             | *Joachim Glatz-Reichenbach, Thomas Vilarinho, Giuseppina Cretella,  
|             | Carmel Lindkvist, Adrian Minde and Leendert W. M. Wienhofen* |
|             | A Privacy-friendly Smart Metering Architecture with few-instance Storage  
|             | *Asif Mohammad, Jürgen Stader and Dirk Westhoff* |
|             | Scheduling Approaches for Wireless Sensor Networks  
|             | *Bandar Al-Ghamdi, Marwane Ayaida and Hacene Fouchal* |
| 10:30 - 11:00 | Coffee Break |
| 11:00 - 12:00 | Invited Speaker 2:  
|             | Signal Processing Challenges for Future Wearable Computing Systems  
|             | that Promote Healthy Living and Improve Health Care  
|             | *Björn Eskofier* |
| 12:00 - 13:15 | Lunch Break |
| 13:15 - 14:45 | Session 4: eLearning, Program & Event Scheduling  
|             | Session Chair: Hacène Fouchal |
|             | Centralized Student Learning Platform – Needs and Requirements of Current and  
|             | Potential Academic Users  
|             | *Gerald Eichler, Christian Erfurth and Karl-Heinz Lüke* |
|             | Towards a Privacy-Preserving Hybrid Radio Network: Design and Open Challenges  
|             | *Mirco Schönfeld, Martin Werner, Claudia Linnhoff-Popien and Alexander Erk* |
|             | A Novel Development Paradigm for Event-based Applications  
|             | *Jörg Roth* |
| 16:15 | Guided tour through the historic center of Nuremberg  
|       | Meeting point: Tourist Information, Central Market, Hauptmarkt 18,  
|       | 90403 Nürnberg |
| 19:00 | Conference Dinner  
|       | Marientor-Zwinger, Lorenzer Straße 33, 90402 Nürnberg |
Friday, July 10th, 2015

9:00 - 10:30 Session 5: Environment, Emergency & Security
Session Chair: Jörg Roth

Smartphone-based Networks for Earthquake Detection
Qingkai Kong, Young-Woo Kwon, Louis Schreier, Steven Allen, Richard Allen and Jennifer Strauss

Feasibility Study of a Mobile Ad-hoc SOS System
Amro Al-Akkad

Custom-fit Security for Efficient and Pollution-Resistant Multicast OTA-Programming with Fountain Codes
Oliver Stecklina, Stephan Kornemann, Felix Grehl, Ramona Jung, Dennis Schweer, Thorsten Kranz, Gregor Leander, Dirk Westhoff and Katharina Mollus

10:30 - 11:00 Coffee Break

11:00 - 12:00 Panel Discussion: Innovative Services and the Dark Side of the Force

12:00 - 13:00 Session 6: eHealth & Applications
Session Chair: Rainer Groß

A Hybrid Approach for Simultaneous Obstacle Avoidance and Stabilization of Dynamic Bipedal Walking using the Aldebaran Nao Robot
Christian Ullrich, Sergiu Dotenco and Florian Gallwitz

Efforts in Developing Android Smartphone Sports and Healthcare Apps based on Bluetooth Low Energy and ANT+ Communication Standards
Hans Weghorn

13:00 Lunch
Best Paper and Presentation Awards
Closing