## Location Info
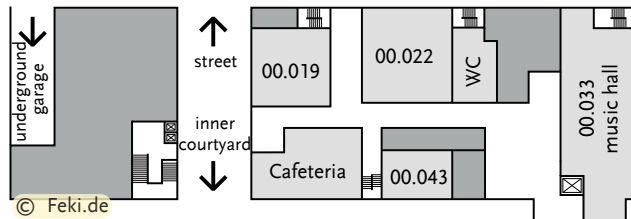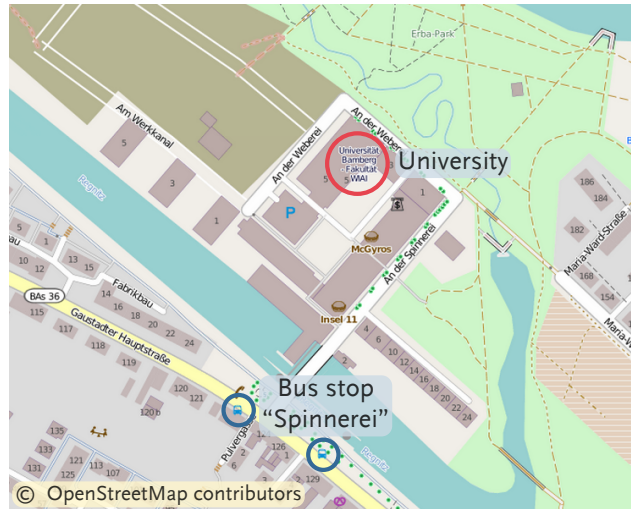


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### Means of Transport

**Public transport (ÖPNV):**
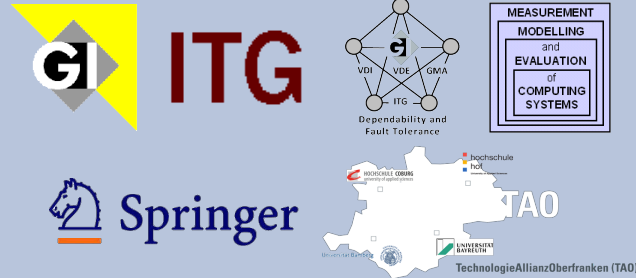Bus stop "Spinnerei" (line 906, 938)
**Parking:**
underground garage beneath the university building

### Contact

An der Weberei 5
96047 Bamberg

web: www.mmb2014.de

## Cooperating Partners



## Sponsors



## Universität Bamberg



### MMB & DFT 2014
# International Workshops
University of Bamberg
March 19, 2014

# Time Table

| | SOCNET | FGENET | WoNeCa |
|---|---|---|---|
| 09:00 | Invited Lecture K.A. Zweig | Session 1 | |
| 10:00 | Coffee Break | Coffee Break | |
| 10:25 | Session 1 | Invited Lecture Heddeghem *et al.* | |
| 11:25 | Coffee Break | Coffee Break | |
| 11:50 | Session 2 | Session 2 | to be announced 00.043 |
| 13:10 | | Closing Session | |
| 13:15 | Lunch Break | | |
| 14:15 | Invited Lecture P.A. Gloor | | |
| 15:15 | Closing Session | | |
| 15:20 | | | |
| 16:00 | | | |

# Sessions - SOCNET 2014

| WED | Invited Lecture | 00.019 |
|---|---|---|
| 09:00 10:00 | Katharina A. Zweig: Network Analysis Literacy | |

| WED | Session 1: "Modeling and Analysis of Complex Networks" Chair: K.A. Zweig | 00.019 |
|---|---|---|
| 10:25 \| 11:25 | **D. Schoch and U. Brandes**: Centrality as a Predictor of Lethal Proteins: Performance and Robustness | |
| | **A.A. Gentile, A. Corallo, C. Bisconti and L. Fortuanto**: Proposal for Heuristics-based Refinement in Clustering Problems | |
| | **K. Avrachenkov, K. De Turck, D. Fiems and B.J. Prabhu**: Information Dissemination Processes in Directed Social Networks | |

| WED | Session 2: "Inference, Simulation and Visualization Algorithms" Chair: P. Gloor | 00.019 |
|---|---|---|
| 11:50 \| 13:15 | **M. Nasim and U. Brandes**: Predicting Network Structure Using Unlabeled Interaction Information | |
| | **D. Hevenstone**: The Marriage Matching Problem with Information Limited By Social Networks | |
| | **S. Herrmann, J. Grahl and F. Rothlauf**: Problem Complexity in Parallel Problem Solving | |
| | **M. Timilsina, R. Duboz and H. Takeda**: Spatial Explicit Model to Visualize the Spread of Epidemic Disease in a Network | |

| WED | Invited Lecture | 00.019 |
|---|---|---|
| 14:15 \| 15:15 | **Peter A. Gloor**: Coolhunting for "Honest Signals of Innovation" in Social Media | |

# Sessions - FGENET 2014

| WED | Session 1: "Modeling, Analysis and Simulation of Future Generation Energy Networks" Chair: J. Riedl | 00.022 |
|---|---|---|
| 09:00 \| 10:00 | **M. Höfling, F. Heimgärtner, B. Litfinski and M. Menth**: A Perspective on the Future Retail Energy Market | |
| | **M. Pruckner, C. Thurner, A. Martin and R. German**: A Coupled Optimization and Simulation Model for the Energy Transition in Bavaria | |
| | **P. Bazan and R. German**: Hybrid Simulation Framework for Renewable Energy Generation and Storage Grids | |

| WED | Invited Lecture | 00.022 |
|---|---|---|
| 10:25 \| 11:25 | **W. Van Heddeghem, S. Lambert, W. Vereecken, B. Lannoo, D. Colle, P. Demeester and M. Pickavet**: Modelling of the Worldwide Electricity Consumption of ICT | |

| WED | Session 2: "Demand Modeling, Inference and Analysis of Energy Efficiency" Chair: R. German | 00.022 |
|---|---|---|
| 11:50 \| 13:10 | **B.R. Haverkort and B. Postema**: Simple Models for Energy-Performance Trade-Offs in Data Centers | |
| | **J. Wenig and T. Staake**: Evaluation of Four Possible Load Shifting Strategies for Electric Vehicles Utilizing Autoregressive Moving Average Methods for Electricity Price Forecasting | |
| | **U. Feuchtinger, K. Eger, R. Frank and J. Riedl**: Smart Grid Communication Architecture | |