



# Conference Program

## Sunday - June 25, 2017

Informal Welcome Reception

19.00 22.00 City Braustüb'l Darmstadt, Wilhelminenstraße 31, DE-64283  
Darmstadt

## Monday - June 26, 2017

10:00 10:30 Registration

10:30 11:00 Conference Opening

11:00 12:30 Session 1: Data Analytics

*S1.1: Jörg Roth:*

Extracting Wikipedia Data to Enrich Spatial Information

*S1.2: Andreas Lommatzsch, Florian Bütow and Danuta Ploch:*

Towards the Automatic Sentiment Analysis of German News and  
Forum Documents

*S1.3: Michel Herbin, Didier Gillard and Laurent Hussenet:*

Concept of Observer to Detect Special Cases in a  
Multidimensional Dataset

Chair: Gerald Eichler (Deutsche Telekom, Technology &  
Innovation)

12:30 13:00 Lunch Snack

13:00 14:00 Excursion: Smart Home showroom "Qivicon"

*Keynote: Klaus Milczewsky, Deutsche Telekom AG, Product &*

14:00 15:00 *Innovation*

Around Me - the Digital World we live in

15:00 15:30 Coffee Break

15:30 16:30 Session 2: Energy Management

*S2.1: Frank Phillipson:*

Multi Objective Approach for Tactical Capacity Management of  
Distributed Generation

*S2.2: Mohammed Assaouy, Ouadoudi Zytoune and Driss  
Aboutajdine:*

DP and RL Approach Optimization for Embedded System  
Communications with Energy Harvesting

Chair: Michal Hodoš (University of Žilina, Slovakia)

17:15 19:00 Social event (outdoor)

Guided City Tour by Segway

19:30 22:30 Come Together



Darmstädter Ratskeller - Beer Garden, Marktplatz 8, DE-64283

Darmstadt

sunshine: outdoor - rain: indoor ground level

**Tuesday - June 27, 2017**

09:00 10:30 Session 3: Optimization Algorithms

*S3.1: Andreas Eiermann, Mathias Renner, Marcel Großmann and Udo R. Krieger:*

On a Fog Computing Platform Built on ARM Architectures by Docker Container Technology

*S3.2: Julian Knoll, David Köckritz and Rainer Groß:*

Markov Random Walk vs. Higher-order Factorization Machines: A Comparison of State-of-the-art Recommender Algorithms

*S3.3: Niels Neumann and Frank Phillipson:*

Finding the Intersection Points of Networks

Chair: Frank Phillipson (TNO, The Netherlands)

10:30 11:00 Coffee Break

11:00 12:00 Panel Session: Discussion on Community Topics

12:00 13:00 Lunch Buffet

13:00 13:30 Campus Walk: TZ Rhein-Main

13:30 14:30 Session 4: Infrastructure Planning

*S4.1: Dirk von Hugo and Gerald Eichler:*

Distributed Network Infrastructure for Community Services in the Framework of Next Generation Mobile Networks

*S4.2: Timotheus Vos and Frank Phillipson:*

Constrained Wireless Network Planning

Chair: Christian Erfurth (EAH - University of Applied Sciences Jena)

14:30 15:00 Coffee Break

15:00 15:15 Announcement of the 18<sup>th</sup> I4CS 2018

15:58 16:12 Darmstadt - City of Science: Science Tram Line 4

16:30 18:30 Social Event (outdoor)

Minigolfpark Arheilgen, Auf der Hardt 78, DE-64291 Darmstadt

19:00 23:00 Conference Dinner

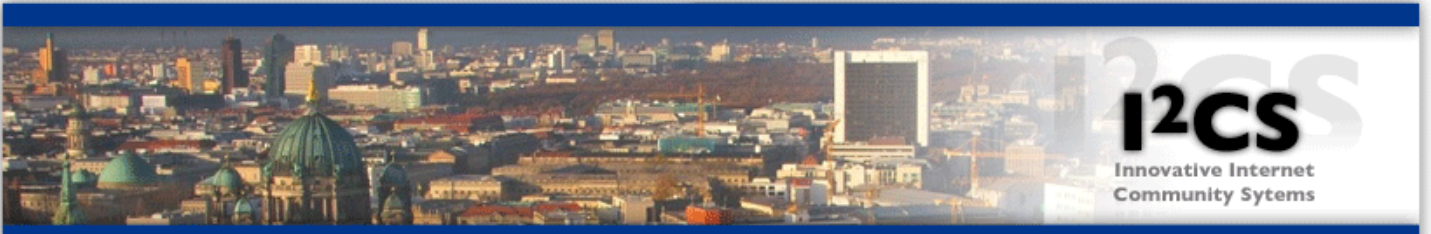
Restaurant Sitte, Karlstraße 15, DE-64283 Darmstadt

**Wednesday - June 28, 2017**

*Invited Talk: Gerhard Kadel, Deutsche Telekom AG, Product &*

09:30 10:30 *Innovation*

*5G - Enabler for Community Services*



10:30 11:30 Session 5: Cooperative Networks

*S5.1: Hacene Fouchal, Geoffrey Wilhelm, Emilien Bourdy and Marwane Ayaida:  
An Extended Tester for Cooperative Intelligent Transport Systems*

*S5.2: Ahmed Alioua, Sidi-Mohammed Senouci and Samira Moussaoui:  
dSDiVN: A Distributed Software-Defined Networking Architecture for Infrastructure-less Vehicular Networks*

Chair: Jörg Roth (Nuremberg Institute of Technology)

11:30 12:00 Lunch Snack

12:00 13:00 Session 6: Spatial Guidance [Short Papers]

*S6.1: Michal Hodon, Martin Hudik, Stefan Toth and Michal Kochlan:*

Smart Screen System for Smart Buildings Made of Tablets

*S6.2: Tawfiq Nebbou, Hacene Fouchal, Lehsaini Mohamed and Marwane Ayaida:*

A Realistic Location System for VANETs

Chair: Andreas Lommatzsch (TU Berlin, DAI-Labor)

13:00 13:15 Young Scientist, Best Paper and Best Presentation Award Ceremony

13:15 13:30 Final Remark and Closing Session

13:30 <sup>open</sup>  
<sub>end</sub> Social Networking: Open Discussion Space

This program is still a draft and might be subject to change without any notice.

