Program Overview

Sunday, June 23, 2019

19.00	Informal Welcome Meeting "Cafe&Bar CELONA", Porschestraße 32 (*Traditional optional pre-conference event*)

Monday, June 24, 2019

09.00	Registration
10.00	Conference Opening
10.30	Session 1: Communication Systems
12.00	Lunch Break
13.00	Session 2: Teaching and Collaboration
15.00	Life Impressions in the VW Automobile City Wolfsburg
20.00	Get Together "Taparazzi Restaurant Wolfsburg"

Tuesday, June 25, 2019

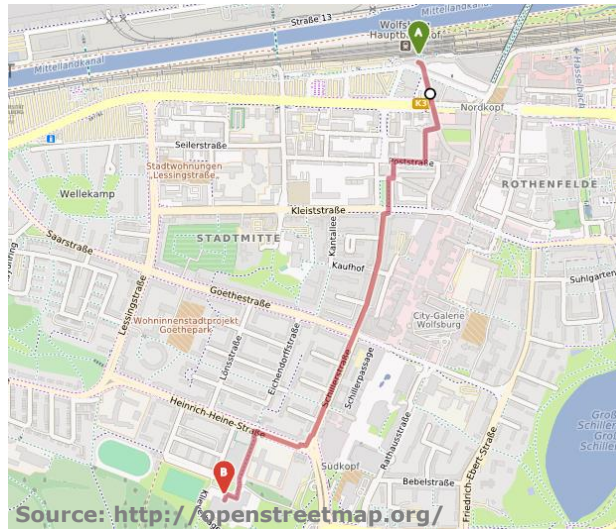|	
09.00	Welcome by the Mayor of the City of Wolfsburg
09:15	Invited Talk: *Smart Cities and Smart Services − Privacy by Design in Innovation*
10.30	Industrial Presentations *(Detailed program in extra flyer)*
12.15	Lunch Break and Poster Session
13.30	Session 3: Smart Cities
15.15	Session 4: Innovations and Digital Transformation
16.15	Announcement of the 20th I4CS 2020
17.00	Planetarium (showroom starry sky)
19:30	Conference Dinner "Kunstmuseum"

Wednesday, June 26, 2019

09.00	Session 5: Data Analytics and Models
10.45	Session 6: Community and Quality
11.45	Lunch Break
12.45	Awarding Ceremony
13.00	Wrap-up and Final Remarks
14.15	Guided Tour at Volkswagen Factory
15.45	Social Networking: Open Discussion Space

Automobile City   AUTOSTADT   © *Lüke*

Conference Venue

The CongressPark is located ten minutes away from the Central Station Wolfsburg by several bus lines. You can take bus line 231 (Groß Brunsrode) or bus line 216 (Neindorf Schule). Get off at stop at "Heinrich-Heine-Straße" or "Kunstmeseum".

CongressPark Wolfsburg, Room "Spiegelsaal"
Heinrich-Heine-Straße 1, DE-38440 Wolfsburg
http://www.congresspark-wolfsburg.de/kontakt/anreise/

Source: http://openstreetmap.org/

Conference fee (19% VAT included): 390 €

The conference fee includes all refreshments, conference dinner, social events and one copy of the I4CS proceedings.
Registration at: http://www.i4cs-conference.org/

For more information and further details, please feel free to check out

http://www.i4cs-conference.org/
mailto:info@i4cs-conference.org

or directly contact the conference chair

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19th International Conference

I4CS 2019

Innovations for Community Services

June 24-26, 2019

Wolfsburg, Germany

Conference Program

Hosted by

Ostfalia University of Applied Sciences, Faculty of Business
Campus Wolfsburg, Germany

Supported by

Wolfsburg AG, Germany

Endorsed by

Sessions in Detail

Session 1: Communication Systems

Dynamic Connectivity Metric for Routing in VANETs
Frank Phillipson

A Holistic Communication Network for Efficient Transport and Enhanced Driving via Connected Cars
Dirk von Hugo, Gerald Eichler and Thomas Rosowski

Efficient Event Dissemination using Bluetooth Protocol
Kévin Thomas, Geoffrey Wilhelm, Hacène Fouchal, Stephane Cormier and Francis Rousseaux

Session 2: Teaching and Collaboration

Robots in the Classroom - Mobile Robot Projects in Academic Teaching
Jörg Roth

Embedded Systems for Teaching - Yrobot Evolution
Michal Hodoň, Peter Ševčík, Juraj Miček and Gabriel Koman

Smart Contract based Decentralized Parking Management in IST
Pranav Kumar Singh, Roshan Singh, Sunit Kumar Nandi and Sukumar Nandi

Session 3: Smart Cities

Multi-Service Capacitated Facility Location Problem with Partial Covering in Smart Cities
Gerbrich Hoekstra and Frank Phillipson

Multi Service Modular Capacitated Facility Location Problem for Smart Cities
Bert Veerman and Frank Phillipson

A Smart City Ecosystem enabling Open Innovation
Dirk Ahlers, Leendert Wienhofen, Sobah Abbas Petersen and Mohsen Anvaari

Session 4: Innovations & Digital Transformation

Innovation Management Methods in the Automotive Industry
Karl-Heinz Lüke, Johannes Walther, Daniel Wäldchen and Denis Royer

Knowledge Management for the Digital Transformation of Enterprises – Literature based trend analysis
Marcus Wolf and Christian Erfurth

Session 5: Data Analytics and Models

Rank-Based Similarity Index (RBSI) in a Multidimensional DataSet
Michel Herbin, Amine Aït-Younes, Frédéric Blanchard and Didier Gillard

A Distributed Metadata Platform for Hybrid Radio Services
Markus Friedrich, André Ebert, Carsten Hahn, Georg Schneider, Liza Obermeier, Alexander Erk and Iris Jennes

A Framework for Analyzing News Images and Building Multimedia-based Recommender
Andreas Lommatzsch, Benjamin Kille, Kevin Styp-Rekowski, Max Karl and Jan Pommering

Session 6: Data Analytics and Models

Towards a Metrics Based Software Quality Rating for a Microservice Architecture
Sebastian Apel, Florian Hertrampf and Steffen Späthe

Managing Smart Home Appliances with Proof of Authority and Blockchain
Pranav Kumar Singh, Roshan Singh, Sunit Kumar Nandi and Sukumar Nandi

Volkswagen Factory © Lüke

Conference Proceedings

All accepted papers are included in the proceedings published I4CS 2019, CCIS 1041 in the series "Communications in Computer and Information Science" by Springer.

The 19th I4CS focuses on:

- Technology – Distributed Architectures and Frameworks
- Applications – Communities on the Move
- Socialization – Ambient Work and Living

Chairs & Committees

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Program Chair
Christian Erfurth, University of Applied Sciences Jena, Germany

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