Innovations for Community Services

Program Overview

Sunday, June 23, 2019
19.00 Informal Welcome Meeting "Cafe&Bar CELONA", Por- schestraße 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

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 “Kunstmuseum”.

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

Conference fee (19% VAT included): 390 €

For more information and further details, please feel free to check out
http://www.i4cs-conference.org/
mailto:info@i4cs-conference.org

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Session 5: Data Analytics and Models
Rank-Based Similarity Index (RBSI) in a Multidimensional Data Set
Michel Herbin, Amine Alt-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 Jennies

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

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 Rosowsk
Efficient Event Dissemination using Bluetooth Protocol
Kévin Thomas, Geoffrey Wilhelm, Hacène Fouchal, Stéphane 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 Mišek 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 Hoekestra 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

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

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