

INVITATION

Call for Contributions for

Special session: IMSOMOT: Impact of Mobile and Social Network Applications on Mobility and Transport

Chair and Coordinator: Prof. Dr. Thomas Schuster, University of Applied Sciences Pforzheim, Germany thomas.schuster@hs-pforzheim.de

along with

COLLA 2016, the Sixth International Conference on Advanced Collaborative Networks, Systems and Applications

<http://www.iaia.org/conferences2016/COLLA16.html>

November 13 - 17, 2016 - Barcelona, Spain

Submissions deadlines

Submission deadline: September 15

Acceptance deadline: September 25

Registration deadline: October 5

Camera-ready deadline: October 5

Submission to: Prof. Dr. Thomas Schuster, University of Applied Sciences Pforzheim, Germany thomas.schuster@hs-pforzheim.de

Contribution types

Regular papers [in the proceedings, digital library] Short papers (work in progress) [in the proceedings, digital library]

Posters: two pages [in the proceedings, digital library]

Posters: slide only [slide-deck posted on www.iaia.org]

Presentations: slide only [slide-deck posted on www.iaia.org]

Demos: two pages [posted on www.iaia.org]

Paper Format

See: <http://www.iaia.org/conferences2016/CfPCOLLA16.html>

Before submission, please check and comply with the editorial rules:

<http://www.iaia.org/editorialrules.html>

Publications

Extended versions of selected papers will be published in IARIA

Journals: <http://www.iaiajournals.org>

Print proceedings will be available via Curran Associates, Inc.:

<http://www.proceedings.com/9769.html>

Articles will be archived in the free access ThinkMind Digital Library:

<http://www.thinkmind.org>

Registration

Each accepted paper needs at least one full registration, before the camera-ready manuscript can be included in the proceedings.

Registration fees are available at <http://www.iaia.org/registration.html>

Content

Mobile business, social networks and sharing economy are driving an unexpected amount of new developments in the field of mobility services. Examples of such services are numerous, e.g. *sharing services* for bikes, e-bikes, scooters or cars (such as smooove, nextbike, YUGO, car2go, DriveNow or stadtmobil), *on-demand mobility* providers (such as Uber, flinc, Wundercar or mytaxi), *urban delivery* services (such as cargomatic, lieferando, Sidecar or Postmates) and *parking* services (such as Barking, SpotHero, Parker, AirportParkingReservations or ParkingPanda) promise a vast variety of modal and logistic options to the user. Questionable is, to which extent they contribute to an overall sustainable, inter-modal passenger transport and logistics network. The purpose of the special session is to examine what has been accomplished so far, which obstacles have to be tackled, how users adopt these services (including behavioural changes) and to stimulate interest in further research. Topics of interest include, but are **not** limited to, the following aspects:

- behaviour research on user preferences and user acceptance (e.g. altered mobility based on socialization and technological change)
- integration and interaction between services (e.g. combined public transport and individual mobility services);
- system evaluation (e.g. usage and adoption rates, cost-benefits analysis, environmental and traffic impact);
- real-time operation and monitoring of intermodal mobility services (e.g. pre-trip and on-trip planning and dynamic re-routing);
- evaluation and simulation of intermodal transport under influence of new mobility services (e.g. analysis of changes driven by information availability and intermodal booking systems)

Inquiries

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