



Workshop on Ambient Intelligence for Transport (AmITR)

Paper Submission

Workshop Goals: Mobility is a need and a right of individuals, therefore transport activity directly affects the quality of life of citizens. Transport services, such as guidance systems, payment systems, security system for transit infrastructures, or information systems for travelers, have been enhanced using the new technologies of information and communications, especially by digital networks, mobile technology and sensor technologies. Using sensing capabilities (e.g. geo-referencing, on-board event detection or capture of audio/video), mobile communications infrastructures and distributed information processing, it is possible to develop ambient intelligence in transit areas (vehicles, stations, bus stops, etc) to provide information services adapted to the necessities or preferences of the travelers (guidance services for private or public transport, intelligent payment systems) or to provide information for improving the quality, security and safety of the transport services (time table fulfillment, vehicle velocity, transit travelers in different points of the transport network, traffic density, pollution level in metropolitan areas). Thus, transport activity becomes more attractive for citizens and improves their quality of life. This workshop provides a discussion space, in which researchers, students, technology experts and practitioners can contribute to the design, assessment, development, and deployment of ambient intelligent solutions applied to the transport domain. The workshop will act as a forum to validate recent results and on-going research, particularly addressed by young researchers.

Topics of Interest

- Ambient intelligence for transport
- Context-aware computing in the context of transport
- Sensing in the context of transport
- Ambient intelligent systems to Services
- Middleware and Infrastructures to implement intelligent services for transport
- Positioning Methods and Georeferencing Processes
- Mobile Computing and transport applications

- Scientific computation methods for ambient Intelligence in transport
- Human computer interaction for ambient intelligence in transport
- Ubiquitous Computing in transport
- Case Studies

Important Dates

- Paper Submission: July 15 (**extended**), 2015
- Notification of acceptance: July 30, 2015
- Camera-ready version: September 1st, 2015
- Conference dates: December 1-4, 2015

Paper Submission

We invite researchers to submit high quality contributions describing significant, original and unpublished results in the following categories:

Long papers: Intended to allow presentation of academic research results of high quality. Submissions must contain an original contribution and may not have already been published in another forum, nor be subject to review for other conferences or publications. Contributions should include unpublished results of research, case studies or experiences that provide new evidence about the research or application regarding to the main topics. Articles accepted in this category will be published in the proceedings of the event. **Long papers must not exceed 12 pages (including figures and appendices).**

Short papers: Intended to allow presentation of ongoing studies with partial (however, significant) results. Submissions must contain an original contribution and may not have already been published in another forum, nor be subject to review for other conferences or publications. Articles accepted in this category will be published in the proceedings of the event. **Short papers must not exceed 6 pages (including figures and appendices).**

All papers should be written in English.

Submission Procedure

All submissions should be made by EasyChair platform and must follow the LNCS Formatting Guidelines. Details of the paper submission process will be announced soon through the website of the conference:

<http://mami.uclm.es/ucami-iwaal-amihealth-2015/workshop-amitr.html>

You can submit your paper through the following:

<https://www.easychair.org/conferences/?conf=ucamiiwaal2015>

Workshop Proceedings

The accepted papers will be included in the UCAmI - IWAAL - AmIHEALTH post-proceedings volume, which will be published by Springer in its LNCS series.

<http://www.springer.com/computer/lncs?SGWID=0-164-6-793341-0>

Selected papers would be invited to be extended and submitted for review to Journal Special Issues.

PC Chairs

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