International Conference on

The Impact of Virtual, Remote and Real Logistics Labs – ImViReLL'12

The conference will be held in combination (parallel sessions) with the 3rd International conference on Dynamics in Logistics (LDIC2012) – registration will allow access to both conferences.

Deadline of full paper submissions: November 7th, 2011

The conference will take place between February 27th and March 2nd 2012 in Bremen, Germany (UNESCO cultural World Heritage sites: town hall and Roland statue).

The conference is promoted by:

RACEnetwork RFID – www.race-networkrfid.org/
CONCORD – www.fi-ppp.eu/projects/concord/
Global RF Lab Alliance – www.grfla.org
Bremen Research Cluster for Dynamics in Logistics (Log*Dynamics*) – www.logdynamics.com

Conference Chairs

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Bonghee Hong
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Antonio Rizzi
RFid Lab, University of Parma, Italy

Scientific Committee

Gisele Bennett,
Electro-Optical Systems Laboratory, Georgia Tech Research Institute

Shing-Shi Cheung
RFID Center, Hong Kong University of Science and Technology, China

Objective of the Conference:

The goal of the conference is to evaluate the impact of lab-based research in logistics. The following topics should be considered:

- **lab-based:**
  - technology and feasibility studies
  - pilots and demonstrators
  - inter-/multi-disciplinary research
  - innovation
- **lab-centric:**
  - specifics of logistic labs
  - synergies with labs in other research disciplines
  - virtual research environments and communities
  - remote research environments and virtualisation
  - real research environments
  - co-developments, co-publications and intellectual property rights
  - living-labs in logistics and end-user involvement
  - complexities of creating, using, maintaining and growing lab-infrastructures
  - business models and sustainability concepts for research labs

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Local Organisation

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- **technology-centric:**
  - the role of RFID, sensors, actuators, robots, intelligent material handling, and (de-) centralised data-processing in logistic labs
  - data sharing
  - the role of the Internet of Things and the Future Internet for logistic labs
  - architecture developments and standards for multiple (networked) demonstrators and experiments
  - social networking technology in research
  - human interfaces
- **impact on:**
  - applied research in logistics
  - research quality and collaboration
  - business innovation and innovation marketing
  - society (incl. e.g., opportunities of access to remote and virtual labs for developing countries)
- **educational implications:**
  - e-, m- and virtual learning environments
  - interdisciplinary and cross-cultural education in engineering
  - teaching experience and quality
  - structures of supervision processes in distributed lab-oriented PhD research

All accepted full papers will be published in the Conference Proceedings. We would especially like to encourage live (remote) demonstrations as well as video contributions during the conference to illustrate lab-based research.

Key Dates

- Submission of papers: October 31, 2011
- Notification of acceptance: December 12, 2011
- Camera ready versions due: January 9, 2012
- Main conference: February 28 – March 1, 2012
- Conference with satellite events: February 27 – March 2, 2012

Submissions

Papers submitted to the conference must contain original research and should not exceed twelve pages. A single additional page describing your lab may be submitted for publication on the conference website. Simultaneous submission to other conferences with proceedings or submission of material that has already been published elsewhere is not allowed. Further information will be provided through www.ImViReLL.org.