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CALL FOR PAPERS

**18TH MAGDEBURG LOGISTICS DAYS
"RELIABLE AND SUSTAINABLE
LOGISTICS"**

JUNE 19 – 20, 2013



IN CONJUNCTION WITH THE IFF SCIENCE DAYS





CALL FOR PAPERS 18TH MAGDEBURG LOGISTICS DAYS



INVITATION

Logistics must respond to future challenges such as raw material depletion and climate change with efficient and sustainable approaches that assure supply. New concepts and technologies, from the proper infrastructure to battery technologies and even effectively integrated information and communications systems will be essential for personal mobility. Moreover, holistic approaches will have to be developed for cities and metropolitan areas, which assure energy efficient transportation and supply. Smart logistics, which facilitate smart and near real-time approaches to controlling logistics processes by employing telematics technologies for logistics and transportation, are integral to these issues.

The annual Magdeburg logistics days will present research findings and experiences in the field with the use of new methods and systems for reliable and sustainable logistics. Workshops that follow will concentrate on best practices. The 6th International Logistics Doctoral Student Workshop is devoted to up-and-coming academics. Young scholars will be presenting their work to peers and discovering new approaches to their dissertation topics through discussions.

The Magdeburg Logistics Days are hosted jointly by the Institute of Logistics and Material Handling Systems of Otto von Guericke University Magdeburg and the Fraunhofer Institute for Factory Operation and Automation IFF in conjunction with the 16th IFF Science Days. Over 500 professionals from Germany and abroad attended the IFF Science Days in Magdeburg in June of 2012. They will focus on the latest research in logistics, digital engineering, power engineering and robotics once again in 2013.

We invite you to help us make the Magdeburg Logistics Days 2013 the highlight of next year.

Prof. Michael Schenk
Director of the Fraunhofer IFF; Institute of Logistics and Material Handling Systems, Otto von Guericke University Magdeburg

Prof. Hartmut Zadek
Executive Director of the Institute of Logistics and Material Handling Systems, Otto von Guericke University Magdeburg

TOPICS

Mobility of the Future

- Integrated and multimodal, local passenger and freight transportation concepts
- Logistics systems and infrastructure concepts for assured mobility
- Information and communications systems for vehicle network applications
- New vehicle technologies

Energy Efficient Infrastructures

- Energy efficient cities and development
- Holistic energy management for metropolitan areas
- Energy efficient logistics hubs
- Energy efficient internal logistics
- Downtown logistics concepts
- Norms, standards and tariffs (EEG)
- Public facilities' carbon footprints

Smart Logistics

- Telematics test beds for logistics, vehicle networks and transportation
- Near real-time logistics process control
- Airport logistics and transportation logistics
- Door-to-door transportation
- New order picking technologies
- New material handling technologies
- High-tech and low-tech logistics concepts

PRESENTATION FORUM

Planning tools as well as logistics management games and educational programs will be presented in a poster exhibition during this event. Contact us if you would like to present a poster in the exhibition.

PAPER SUBMISSION

Take part in the conference as an industry or research expert presenting a paper. Report on potentials and current and future fields of application for logistics. Papers on research should present current trends and developments as well as examples of applications that have been implemented together with industry partners and represent the state-of-research in the field of logistics.

Submit your abstract (two DIN A4 pages maximum) online on our website www.magdeburger-logistiktagung.de.
The deadline for submissions is January 10, 2013.

The program committee will decide on the acceptance of submitted proposals. Accepted papers will be published in a volume of proceedings available online to download.