

Call for Papers

3rd International Conference on Dynamics in Logistics (LDIC 2012)

Bremen, Germany, February 27 – March 2, 2012

The 3rd International Conference on Dynamics in Logistics (LDIC 2012) will be held in Bremen from the 27th of February to the 2nd of March 2012 together with several satellite events. Post-proceedings are planned to be published by Springer in the same way as for the previous LDIC conferences in 2007 and 2009.

The conference targets the identification, analysis, and description of the dynamics of logistic processes and networks. The spectrum of topics ranges from modeling and planning of processes and innovative methods like autonomous control and knowledge management to the new technologies provided by radio frequency identification, mobile communication, and networking. The growing dynamics in the area of logistics poses completely new challenges: logistic processes and networks have to rapidly and flexibly adapt to continuously changing conditions.

LDIC 2012 provides a venue for researchers from academia and industry interested in the technical advances in dynamics in logistics. The conference addresses research in logistics from a wide range of fields, e.g. engineering, computer science and operations research. **Topics** of interest include, but are not limited to: logistic processes, production and transport logistics, maritime logistics, logistic process modelling, supply chain (event) management, logistics security, learning in logistics, Internet of Things and Services, radio frequency identification (RFID), meshed sensor networks in logistics, mobile HCI concepts for production and logistics, mobile communication, robotics in logistics, smart transport technologies, IT for green logistics, mass customization, performance assessment, knowledge management, virtual enterprises and logistic networks, global networks, sustainable collaboration, intermodality, autonomous control, synchronization, transition, and transformation.



Bremen Research Cluster for Dynamics in Logistics

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Important Dates

Submission of papers: October 31, 2011
Proposals for workshops and tutorials: December 5, 2011
Notification of acceptance: December 12, 2011
Pre-proceedings versions due: January 9, 2012
Main conference: February 28 – March 1, 2012
Conference with satellite events: February 27 – March 2, 2012
Post-proceedings contributions due: April 16, 2012

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LogDynamics News

Bremen Research Cluster for Dynamics in Logistics (Log Dynamics) Successful in Competition

The concept has proven its worth, it is highly appreciated, and now the research cluster LogDynamics of the University of Bremen has received an award for its innovative approach: in the competition “Best Practices and New Ideas to Improve the Doctorate in Engineering Sciences”, LogDynamics won on account of its qualification programme in the category “Internationalisation”. On the 24th of May, the awards were conferred in the course of the symposium “Doctorate in Engineering – Strengths and Quality Assurance” in Berlin.



The competition was conjointly announced by the German National Academy of Science and Engineering (acatech), the 4ING faculty conferences, the TU9 consortium (union of the leading technical universities in Germany), and the Working Group of Technical Universities and Colleges (ARGE TU/TH). It is their objective to reveal the “promising strategies for a sustainable improvement of the doctorate training in engineering sciences”. Now, an independent, high-ranking expert group has granted awards for exemplary programs in six categories. They thus honor initiatives “which exemplarily shape out the doctorate in engineering sciences as a model of success”. LogDynamics had shown its “strength in internationalization” the evaluation explains. The jury, for example, conceived the “cultural intermixture” and the “continuous interdisciplinary cooperation”, including the integration of guest researchers from abroad, to be “exemplary”. “This way, German doctoral candidates profit from the internationalization and, vice-versa, the international postgraduates from the exchange with their German colleagues.” Logistic problems can only rarely be solved satisfactorily by one single discipline, and because of

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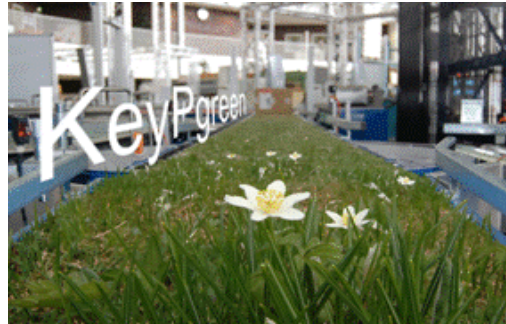
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globalization, they are of international relevance. For this reason, research and qualification in the research cluster have an international orientation. LogDynamics improves the doctorate training in engineering sciences with two packages of measures: an “Integrated Research Training Group” in the scope of the Collaborative Research Center “Autonomous Cooperating Logistic Processes – a Paradigm Shift and its Limitations” (CRC 637) funded by the German Research Foundation and by the “International Graduate School for Dynamics in Logistics” (IGS).

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Green Intralogistics

The discussion about climate change and the utilization of natural fossil resources emphasises the significance of environmental aspects in the logistics sector. Several types of resources are used up or converted in logistic processes. At this time, the consumption of resources for almost every process inside of a logistic building – “Logistikfabrik” – is only roughly estimated.



In the project „KeyPgreen“ of BLG Logistics Group AG & Co. KG and Bremer Institut für Produktion und Logistik (BIBA), funded by the regional programme „Angewandte Umweltforschung“, a novel and practical reference model has been developed. This model makes the combination of environmental and financial view of intralogistic processes possible. Based on a detailed analysis of intralogistic processes, environmental aspects were identified and integrated into the model. The accurate measurement of the resource consumption enabled by the model, allows to identify environmental weaknesses in the process flow and to define goals and arrangements for their improvement. The conjunction with a database also allows the simulation of arrangements to verify their benefit. In case of a successful review and a validation of the arrangements with the model, the next step is to implement these within the operational business. Hence, the environmental effects of logistics can improve.

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Events

It's BIBA's 30th Anniversary! Event "Process Innovation through Technology and Organisation"

Date: **9th of September 2011**, 3:00 p.m.
Location: BIBA, Hochschulring 20, Bremen



In 2011, the BIBA – Bremer Institut für Produktion und Logistik GmbH celebrates its 30th anniversary. On this occasion, a special event themed “Process Innovation through Technology and Organisation” will take place on 9th of September 2011 in BIBA. Beginning from 3 p.m. there will be an interesting and varied programme. Well-known representatives from politics, science, and economics will give talks considering the motto of the event from several perspectives. The demonstrations of innovative technologies will highlight the scientific emphases of the BIBA research as well as their practical areas of application. The reception as well as the musical accompaniment of the “Bremer Kaffeehaus-Orchester” completes the programme.

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Annual Congress 2011 „Der Weg in die Zukunft mit AutoID/RFID“

Jahreskongress 2011

13. September, East Hotel, Hamburg



Date: **13th of September 2011**

Location: Hamburg

On September 13th, specialist magazine „RFID im Blick“ presents the first annual congress „Der Weg in die Zukunft mit AutoID/RFID“ in Hamburg. With a focus on the subjects automobile industry, air and sea freight, and medical and energy engineering, the conference addresses important current issues. That is, solutions have already been implemented successfully and therefore respective industries take a great interest in process optimisation. Possibilities on that account as well as regarding the integration of these technologies are huge – far beyond the branches mentioned. The BIBA – Bremer Institut für Produktion und Logistik GmbH supports this congress in the course of a scientific partnership.

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