



## Press Release

# Global RF lab alliance supports the exchange of scientists and students

The use of mobile technologies in production and logistics has become increasingly important over the past years. Radio-based technologies like RFID (radio frequency identification) have also greatly contributed to their success. Scientists throughout the world who are currently working in the field of applied and basic research deal with this technology in order to investigate and configure the technology and underlying basic processes. The recently founded Global RF Lab Alliance, a network of leading research institutes concerned with radio frequency technologies, bundles diverse world-wide research activities. The global exchange of results between the members should actively shape this technology. The LogDynamics Lab at the University of Bremen is an initial member of the Global RF Lab Alliance and has made the exchange of international scientists and students possible for the first time. This year alone, two scientists as well as a student working at the Bremen Institute of Industrial Technology and Applied Work Science (BIBA) have stayed at different institutes abroad.

The scientists Uwe Hinrichs and Jan Kolditz will visit the Research Center for Logistics Information Technology (LIT), Korea in the fall of this year for about three months. The LIT is the central national project of the Republic of Korea for the development of new information technologies concerning the support of logistic processes. LIT does research, education and further training as well as practical application of concepts and technologies like RFID, Ubiquitous Computing, Automation and Intelligent Logistics Systems. The project researches a method and technology support for an intelligent and safe handling of transport-logistic processes with a special focus on port logistics. "The building of a co-operation with accredited international experts in the fields of logistics and RFID will enhance the knowledge transfer and the pace of research", describes Professor Bernd Scholz-Reiter, speaker of the Bremen Research Cluster for Dynamics in Logistics (LogDynamics) the planned co-operation. Jan Kolditz and Uwe Hinrichs are also looking forward to the co-operation and their stay abroad with the Korean colleagues: "The international cooperation will give us valuable impulses for the study of self-controlling logistic processes." On the basis of the Korean projects, the two scientists will examine their methods and investigations for applicability and expand them accordingly. In this context as well, the topic 'port



logistics' will play a large role. While two of our scientists are in Korea, several researchers from LIT will visit the LogDynamics Lab in Germany, so that an exchange of experience and knowledge can take place in both directions.

An additional task of the Global RF Lab Alliance is the exchange of students, who cooperate in projects of the respective institutes to get hands-on experience. Marco Lewandowski studies industrial engineering and management at the University of Bremen and works as student assistant at the LogDynamics Lab. Professor Antonio Rizzi makes it possible for him to spend time at the RFID lab of the University of Parma in Italy. "We are looking forward to work with students and researchers from other alliance members. Sharing knowledge and people is one of the key elements of the Global RF Lab Alliance" explains Rizzi. The RFID Lab Parma works, among other things, with RFID in the cool chain and supply chain of the retail and food industry and also operates an extensive demonstration center for different system components. Lewandowski will cooperate actively in these projects and is pleased about the impulses he gets from his work at the LogDynamics Lab in Bremen. He highly values the international practise he is getting alongside his studies, which is made possible by the alliance.

Under the guidance of the still young RF Lab Alliance, the exchange of scientists and students is showing first results of the global co-operation. The alliance connects expertise, so that the international cooperation within the field of the applied radio frequency technology continues to be promoted in the future. The Global RF Alliance represents eight labs of American, European and Asian universities. Further topics of co-operation are the application and treatment of common research projects, as well as the initiation of a new academic magazine (International Journal of RF Technologies: Research and Applications) for publication of relevant research results.



CONTACT:

Bernd Scholz-Reiter, Prof. Dr.-Ing. (Speaker Bremen Research Cluster for Dynamics in Logistics)

University of Bremen

Planning and Control of Production Systems / BIBA

Hochschulring 20

D 28359 Bremen

Tel.: +49 (0) 421 218 5626

Fax: +49 (0) 421 218 5640

bsr@biba.uni-bremen.de

[www.biba.uni-bremen.de](http://www.biba.uni-bremen.de)

---

Dieter Uckelmann (Manager LogDynamics Lab)



---

LogDynamics Lab  
c/o BIBA-IPS at the University of Bremen  
Hochschulring 20  
D-28359 Bremen / Germany

Fon.: +49 421 218 5550

Fax: +49 421 218 5640

Email: [uck@biba.uni-bremen.de](mailto:uck@biba.uni-bremen.de)

www: <http://www.logdynamics.com/lab>

Member of:



[www.grfla.org](http://www.grfla.org)