



 **Heinz Nixdorf Stiftung**

Heinz Nixdorf Chair of IT-based Logistics

Chairholder

Prof. Dr. Iris Hausladen

Subject

“IT-based Logistics“

Start

Promptly

Target Group

Full-Time and Part-Time M.Sc. / Full-Time and Part-Time MBA students

Topic Description

Nowadays, the application of information and communication technologies is widely common, even to the extent that it directly influences everybody's daily life, although often not recognized. Using information systems logistics / supply chain managers are able to check the inventory status from almost any kind of place without any time delay, leading to a much better availability of product for the end customers. Intelligent traffic management systems control every kind of traffic (car, train, airplane) and adjust routes automatically regarding the specific requirements. At this point several other examples might be stated as well. Nevertheless, summarized one has to declare: Without the application of IT a successful and efficient logistic cannot be established.

Anyway, this does not mean that every IT is suitable for every logistic area or function, e.g. the requirements on the IT is completely different in the area of procurement logistic compared to the area of disposal logistic. Additionally, for every logistic function several IT-solutions exist and every solution has its own advantages and disadvantages. Hence, the choice of the right IT for every logistic function is quite complex.

Consequently, the topic area of “IT-based Logistics” includes all areas, in which logistic concepts and methods are researched and analyzed taking into account the application of the supporting IT. Hereby, the focus is especially on the interrelation between the IT and the regarding IT structures with the aim to assure an optimized logistic.

Your master thesis has to be in English and based on the latest scientific research. If you are interested in processing the suggested subject area, we will be pleased to work out a concrete topic and discuss the contents as well as the structure of the final thesis during an appointment.

Contact Person

Should you have further questions, please do not hesitate to get in contact with us:

Birgit Simmank

Secretary

Tel: +49 341 9851-760

Fax: +49 341 9851-764

E-Mail: birgit.simmank@hhl.de

HHL – Leipzig Graduate School of Management

Jahnallee 59

04109 Leipzig

Germany