

Dynamics in Global Production and Logistic Systems

Lecture course held by Prof. Dr. Enzo Morosini Frazzon

Complexity and dynamic changes over time has imposed several challenges to the decision making in production and logistic systems, where additional issues have to be properly considered by decision makers.

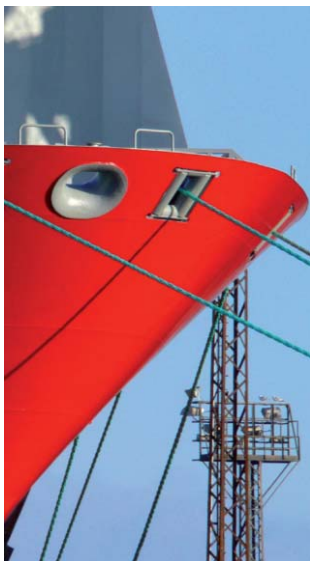
The application of new handling, information, communication, and positioning technologies, as well as the assignment of greater autonomy for the decision making of agents which act in production and logistic systems, create the basis for the development of more adaptable, and consequently, more intelligent systems.

Participants of this course will be introduced to strategic decision making by a systems engineering viewpoint. In particular they will acquire and develop interdisciplinary knowledge on the concepts, methods and models for analysis and synthesis of Dynamics in Global Production and Logistic Systems.

Organisational Hints

Please, register for the course by sending an email to courses@IGS.LogDynamics.de until February 6, 2014

Location: BIBA, room 1030/1040



Organiser

International Graduate School
for Dynamics in Logistics (IGS)
at the University of Bremen

c/o BIBA
Hochschulring 20
28359 Bremen, Germany

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Contact

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Agenda

17.2., 09:00-12:00: An introductory tour to the dynamics of global production and logistic systems

18.2., 10:00-11:30: Structures and processes

20.2., 10:00-11:30: Technologies and data analytics

21.2., 10:00-11:30: Research approaches and methodologies

24.2., 10:00-11:30: Presentation of essays (oral)

25.2., 09:00-12:00: Presentation of essays (oral and written)

The course is open for cLINK students as well as for students or researchers of LogDynamics and of any faculty or research group related to logistics.

Enzo Frazzon is a professor at the Department of Production and Systems Engineering at the Federal University of Santa Catarina (UFSC), Brazil. He leads and takes part in projects that embrace the following research topics: the integration of production and logistic processes, intelligent production and logistic systems and the strategic approach to logistics (Macrologistics). Furthermore he supervises the ProLogIS (Production and Logistics Intelligent Systems, www.prologis.ufsc.br). He is the lead editor of Revista Produção Online (the Online Scientific Journal of the Brazilian Association of Industrial Engineering, www.producaoonline.org.br). He holds a doctor's degree in production engineering (Dr.-Ing.) from the University of Bremen and was a doctoral candidate of the IGS.

Ongoing Courses of the IGS:

'Academic Writing', course with classes once or twice a month. Training in small groups tailored to the individual needs of the participants.

'Voice Development', course with monthly training in very small groups on improving the pronunciation.