# Tools for the Craft of Research



# Workshop series given by Dr. Renate Klempien-Hinrichs

- (1) From a Research Idea to a Draft Proposal
- (2.1) Revising a Research Text
- (2.2) Writing a Scientific Publication/Exposé

This two-part course is intended to assist young researchers in starting their individual research project. In the first part, the course participants gain an overview of the scientific research process in general and sufficient orientation in their individual research topic so that they pinpoint a promising research question and develop it into a first draft of a detailed research proposal. In the second part, various writing strategies are discussed, with the participants becoming aware of their own preferences and trying out less familiar techniques. Moreover, everyone revises their draft proposal with respect to contents, structure, citations, language, style, and form. The third part focuses on writing a paper that can be submitted for publication or to the faculty's doctoral commission.

Throughout the course, the participants try out discipline-independent research methods in the specific context of their research projects, as well as techniques to organise their research in a manner well suiting their projects and personalities. Furthermore, during the course different views related to research disciplines or cultures may emerge, and the issues are then reflected and compared with the German research culture. In particular, the fundamental rules for good scientific practice are discussed.

#### **Course Format**

The course extends over nearly two semesters and will end in June 2019. Each part comprises 16 hours of class, organised in units of four (Part 1) or two (Part 2.1 & 2.2) hours, plus homework.

**Dr. Renate Klempien-Hinrichs** is a theoretical computer scientist with a doctoral degree from the University of Bremen. She has taught several courses in the area of theoretical computer science. In 2004 she began to develop workshops on how to start writing a scientific thesis. The concept for the present course program is influenced by her experiences in writing and reviewing scientific publications, reporting on diploma and doctoral theses in computer science, and supervising German and international students' diploma theses.

# **Organizational Hints**

New classes will start on **November 12, 2018**, the courses take place on Mondays, 2-6 pm (Part 1), 2-4 pm (Part 2).

The courses are open for IGS fellows as well as for doctoral candidates of Log*Dynamics*. Please, register for the course by sending an email to courses@IGS.Log*Dynamics*.de

Deadline: October 15, 2018



### **Comments from participants**

"I like the discussion part in small group and time management."

"The contents of the course are based on what students need by asking students what they face during the previous week."

"Ideas for free writing were also impressive. I never thought of that before."





### **Ongoing Courses & Continuous Training**

- Internal Interdisciplinary Research Colloquium
- Tools for the Craft of Research
- Academic Writing
- Voice Development

## **Previous Courses & Workshops**

- Workshop 'The Art of Presenting Yourself'
- Lecture series 'Wireless and Mobile Networks'
- Lecture series 'Supply Chain Network Design'
- Lecture series 'Management of Global Logistics and Transportation'
- Interdisciplinary Research Colloquium Speed Dating
- Workshop 'Leadership and Teamwork'
- Lecture series 'Dynamics in Global Production and Logistic Systems'
- Workshops 'Getting Started', 'Project Management', 'Research Methodologies' and 'Methodological Consensus'
- LDIC Doctoral Workshop
- LogDynamics Summerschool LOGISS

For further information about previous and ongoing courses please visit

www.logistics-gs.uni-bremen.de

#### **Terms and Conditions of IGS Courses**

Any registration for a course offered by the IGS is binding after you receive a confirmation for your application. You are expected to attend class without exception.

Please, be aware that the entries in the IGS calendar are always up-to-date and binding. You will receive access to it after registration for a course. If you are not able to attend a specific class, please always inform the organizer in time, i.e. as soon as you get to know a reason or at least two days before the appointed date, by sending an email to

#### courses@IGS.LogDynamics.de

In order to be polite, please, also inform your group and the lecturer of the concerning course. If the participants do not observe this rule and the lecturer does not have any participants for a class, the group has to pay for the wasted time and money.

If you generally cannot attend class any more or if you want to entirely cancel your participation in a course, please inform the organizer as soon as possible. The IGS will offer your place to someone else.

After any course, the IGS will ask you for an evaluation. Please, fill in the evaluation sheet in time and return it to the main communication channel. IGS reserves all rights to our photos and the use of the content of the evaluation without reference.



#### Organizer

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

Contact: Dr.-Ing. Ingrid Rügge Managing Director of the IGS c/o BIBA

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