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Plattform für strukturierte
Promotionsausbildung in den
Materialwissenschaften
an der Justus-Liebig-Universität

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Good Scientific Practice – Protecting Scientific Integrity **two-day workshop for doctoral candidates within the Center for Materials** **Research (ZfM/LaMa)**

Trainer: Dr. Julia Verse, www.scientificintegrity.de

Date: Thu., 6 Apr. 2017, 9:30 – 17:00, and Fri., 7 Apr. 2017, 9:30 – 13:00

Venue: JLU Gießen, Physics Institute Building, Heinrich-Buff-Ring 16, room 437

Scope and Content

The major objective of the workshop “Good Scientific Practice” is to know and understand the basic rules and values of the responsible conduct of research in all its stages, according to local, national and international regulations and guidelines. The participants will explore the differences and grey areas between good scientific practice, questionable research practice and scientific misconduct. They will learn how misconduct can be recognized and prevented, and how it should be addressed and dealt with in case it occurs, and what damage it can cause if handled improperly. The participants will learn to develop appropriate solutions for difficult situations in the process of science and receive advice on how to protect their scientific work. They are encouraged to speak with colleagues and the appropriate institutions about mistakes and problems.

The content of the workshop follows the curriculum “Good scientific practice” which was commissioned by and developed in cooperation with the German Research Ombudsman:

- Definitions of good scientific practice and scientific misconduct
- Degrees and extent of scientific misconduct
- Examples for responsible and irresponsible conduct of research
- Data and source management
- Authorship and the process of publication
- Mentoring and supervision
- Conflict management: how to deal with scientific misconduct
- Reactions to scientific misconduct
- Local, national and international guidelines and regulations

The workshop encourages the active involvement of the participants and features the following didactic elements: case discussions, problem based learning in small groups, plenary discussion, information input.

Important information for doctoral candidates of RTG 2204 “Substitute Materials for sustainable Energy Technologies”: This event is mandatory for those of you who did not participate in the first edition of this workshop (Feb. 2017).

Registration (for non-members of RTG 2204): Via e-mail to Martin Güngerich

Maximum number of participants: 16