Gemeinsames Kolloquium – Summer Semester 2011
Interdisciplinary Lecture Series

Thursday, 26.05.2011
17:15 hrs, Lecture Hall HNC 30

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Nanotechnology
Challenges to Responsible Innovation

Abstract
Nanotechnology has found early interest in Technology Assessment (TA), in the related social sciences, and in philosophy and ethics. Reflecting upon this new technology field in a very early stage of development is regarded as a great chance to exert influence on the further course of development and to support “responsible development” and “responsible innovation”. In the last years a broad field of ethical analyses on nanotechnology has developed.

In my presentation I will
- address the motivations and objectives of ethical analysis in the field of nanotechnology
- introduce the notions of “responsible development” and “responsible innovation”
- give an overview of the ethical issues of nanotechnology which have been uncovered and discussed over the last years
- discuss two fields more in-depth: (a) the responsible handling of man-made nano-materials and (b) ethical issues of nanobiotechnology
- respond to recent criticisms against “speculative nanoethics” and present the concept of an “explorative philosophy”

Gäste sind herzlich willkommen – Guests are most welcome!

gez. W. Sander
-GSCB-
gez. Rolf Heumann
-GDCh, GBM-
gez. Dominik Marx
-Dekan-