SyDe – A New Graduate School in an Excellent Setting

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Doctoral education in Germany

• Many different models exist, including the traditional one-to-one model
• Recent discussions regarding transparency and the “Doktorvater”
• Recommendations:
  – Structured programs
  – Broader education
  – Reducing the duration
German Excellence Initiative

- Funding by federal and regional governments
- Improve the international research profile of German universities
- In Bremen: excellence cluster MARUM, graduate school BIGSSS, future concept
University of Bremen

- Mid-sized university
- 12 faculties
- 250 professors
- 19,000 students
- Six high-profile areas, including computer, cognition and communication sciences
The perfect candidate…

- Team player
- Independent worker
- Expert
- Generalist
- Experienced teacher
- Research manager
- …
SyDe
Graduate School System Design

... does not exist

But how close can we get?
Doctoral education in Bremen

- Research groups and institutes
- Graduate schools and doctoral groups
- Graduate center

Research Academy
University of Bremen ProUB

Faculties, Research Networks
Partner institutes

• Faculty for Computer Science

• German Research Center for Artificial Intelligence

• German Aerospace Center
Graduate School SyDe

- Research in system design
- Scientific curriculum
  - Seminars, courses, workshops
- Thesis committee
  - Two advisors
  - Two additional senior researchers
- Presentations and feedback on a regular basis
Our goals

• PhD students working as full staff members
• Interdisciplinary and cooperative research
• Fair and transparent evaluation
• Early experience with publishing and on conferences