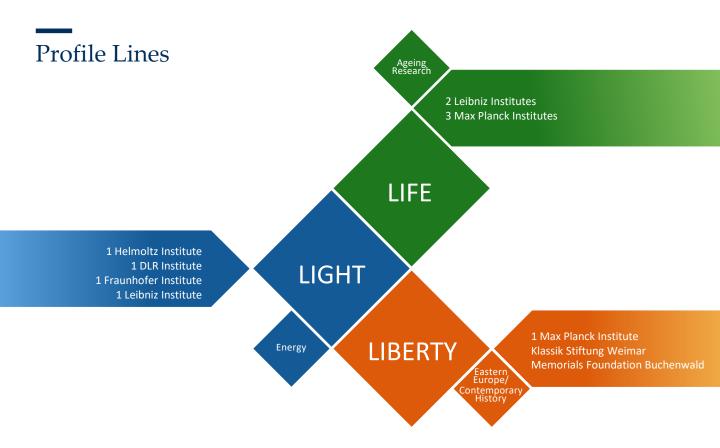
Handling international collaborative programmes at Friedrich Schiller University Jena – Status quo, needs and challenges

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## Facts and Figures

- 10 Faculties
  - Theology, Law, Economics & Business Administation, Arts, Social & Behavioural Sciences, Mathematics & Computer Science, Physics & Astronomy, Chemistry & Earth Sciences, Biological Sciences, Medicine)
- 18.000 students (Bachelor and Master degree level)
- 8.500 full-time staff
  - 360 professors
  - o 3.200 academic staff
- 720 postdoctoral researchers
- 3.500 doctoral researchers



## Doctoral researchers at Friedrich Schiller University

3,459	Doctoral researchers (01.12.2018)	49.3 % women
0,405		49.0 % Homen
		22.8 % international
	2,591 without medicine (ca. 1/3 Social Sciences and Humanities, 2/3 Natural and Life Sciences)	44.5 % women
		28.6 % international
	23.1% within structured doctoral programmes	46.5% women
		40.6% international
542	PhD graduations (2018)	51.3 % women
		18.1 % international





### International doctoral researchers: Incoming Mobility

- More than 90 countries of origin
- Many incomings from Asia
- Strategic partnerships
- 22,4% EU mobility

Nationality	Ν	%
Total	786	100,0%
of that: European Union	176	22,4%
China	134	17,0%
India	71	9,0%
Italy	39	5,0%
Russia	32	4,1%
Iran	32	4,1%
Spain	23	2,9%
USA	18	2,3%
Turkey	16	2,0%
Egypt	16	2,0%
Taiwan	14	1,8%
Korea	14	1,8%
Pakistan	14	1,8%
Poland	13	1,7%
Syria	13	1,7%
UK (Great Britain and Northern Ireland)	12	1,5%
Serbia	12	1,5%
Columbia	12	1,5%
Greece	12	1,5%
Ukraine	11	1,4%
France	11	1,4%



### Status Quo: International collaborative PhD programmes

- Guest researchers
- Free-Movers
- "Sandwich" PhD programmes
- Double and joint degree PhD programmes





nstitutionalisation

Status Quo: Short-term mobility

"Guest researchers"

- Main affiliation with another academic institution (national or international)
- Temporal restriction: Research for a limited period of time at FSU
- Guest researchers do not plan to get a degree at FSU

(Does not include participants of conferences/symposia/summer schools or invited guest speakers.)



Status Quo: Co-tutelle Agreements at FSU (2006-2019)

- Can lead to the award of either a joint or a double doctoral degree
- 37 agreements in total
  - 17 successfully completed
  - 2 about to finish (status: thesis turned in)
  - 13 admitted candidates at the moment
  - 5 failed during agreement negotiations

Status Quo: International collaborative PhD programmes

- Framework agreements
  - Institutes / Departments
  - Faculties
  - Structured doctoral programmes / Research Training Groups
- Third-party funded international programmes (e.g. ITNs), usually limited to funding period
- Double or joint degree options for participants



Needs: International collaborative PhD programmes

- Prerequisite: Building on existing scientific / academic collaboration
- Policy:
  - Guidelines
  - Institutionalised procedures
  - Support services
- One responsible coordinating unit (in Jena: Graduate Academy)



### Graduate Academy



#### Zur Rosen – House for Young Researchers



#### Welcome and Service Desk



# Support for Doctoral Researchers by the Graduate Academy

- Welcome and Service Desk
- Advice and (Career) Counselling
- Qualification Programme
- International Tutoring Service
- Events
- Newsletter & Social Media
- Doctoral Council

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# Specific structures for supporting international mobility

- Counselling on international mobility: research stays in Germany, planning and funding of a stay abroad during the doctorate
- Welcome Service for all international early-stage researchers
- International tutoring service (Intudocs)
- Adaptation of procedures for free-movers
- Service for setting up Co-tutelle agreements: Workflow, templates, coordinating unit
- Support in setting up international collaborative PhD programmes



Challenges: International collaborative PhD programmes

- Right reasons for mobility?
- Right form of collaboration?
- Enough time for initiation and formalities?
- Critical mass
  - Experiences with procedure
  - Sustainability: Getting from case-by-case solutions to an overall strategy



