

WP1, Salzburg principle IX



**ROYAL INSTITUTE
OF TECHNOLOGY**

Increasing mobility

Prof. em. Hans Mattsson, KTH, Sweden

Basically mobility can be built up through



ROYAL INSTITUTE
OF TECHNOLOGY

- Virtual mobility
- Conferences
- PhD courses at other universities
- Longer study visits at other universities
- Employment for shorter or longer periods at other universities

Mobility can be based on PhD schools



ROYAL INSTITUTE
OF TECHNOLOGY

- A researcher (e.g. professor) within one subject/discipline
- A group of researchers (e.g. professors) at a big department
- A group of researchers (e.g. professors) at a faculty
- A group of researchers (e.g. professors) at a university
- A group of researchers (e.g. professors) at several national universities
- A group of researchers (e.g. professors) at several international universities

Model 1

PhD school with gradually increased knowledge within a certain research field



ROYAL INSTITUTE
OF TECHNOLOGY

Course 5

Course 4

Course 3

Course 2

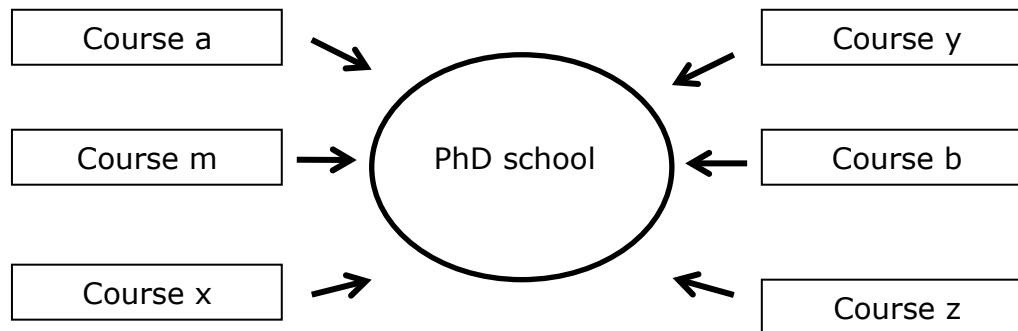
Course 1

Model 2

PhD school with different researcher invited to give courses with the aim to widening the perspective



ROYAL INSTITUTE
OF TECHNOLOGY

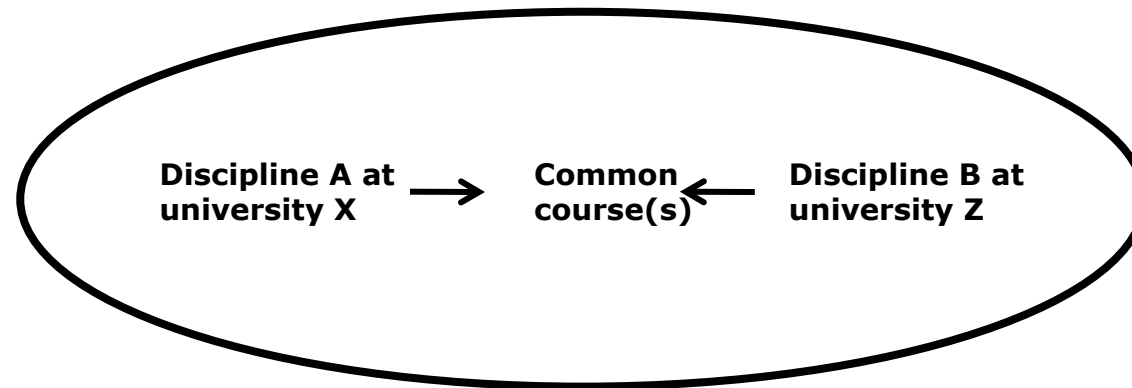


Model 3

PhD school for creation of synergy effects through combinations of different disciplines



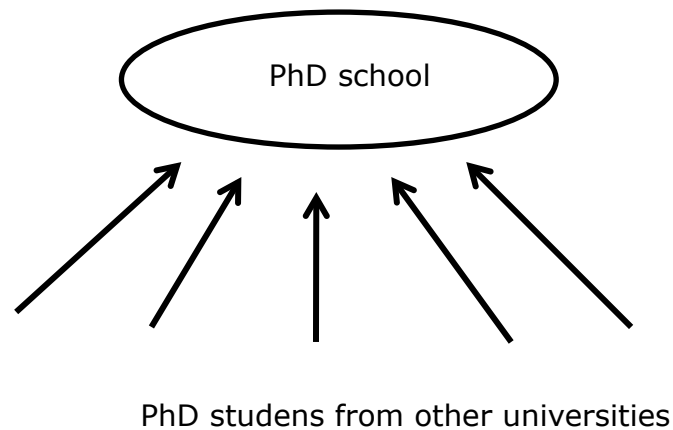
ROYAL INSTITUTE
OF TECHNOLOGY



Model 4 PhD school for creation of a dominant international or national department/ university



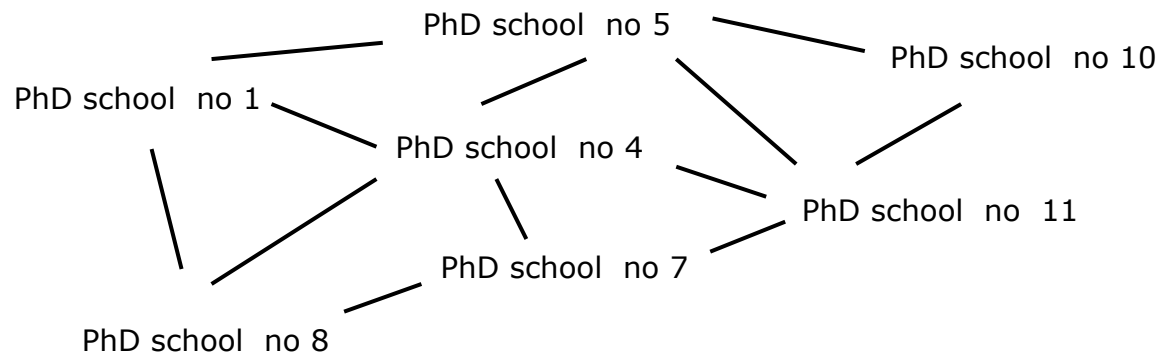
ROYAL INSTITUTE
OF TECHNOLOGY



Model 5 PhD school, networking type



ROYAL INSTITUTE
OF TECHNOLOGY



WP1, Salzburg principle IX



**ROYAL INSTITUTE
OF TECHNOLOGY**

Ensuring appropriate funding

Prof. em. Hans Mattsson, KTH, Sweden



ROYAL INSTITUTE
OF TECHNOLOGY

Engaging type for PhD students

- i. PhD students without funding**
- ii. Scholarship students**
- iii. Employed by university for faculty resources**
- iv. PhD students applies for funding**
- v. Established researchers apply for money to employ PhD students**



ROYAL INSTITUTE
OF TECHNOLOGY

Project types (funding)

- i. Funding for a single project
- ii. Funding for big projects within a department/university with many researchers and PhD student
- iii. Funding for big projects between different universities, sometimes between universities in different countries



ROYAL INSTITUTE
OF TECHNOLOGY

Funding

University (funding with own resources)

State research funds

Research academies

Authorities

Enterprises

Private trust

International trusts

International funds, e.g. EU

Donations

Etc.



ROYAL INSTITUTE
OF TECHNOLOGY

What shall be financed

- PhD student salary (totally or partly)
- OH
- Working space
- Equipment
- Experimental research and field studies
- Data
- Conferences, visits to PhD schools
- Research visits to other universities
- Dissertation
- Supervisor



ROYAL INSTITUTE
OF TECHNOLOGY



Thank you!

hans.mattsson@abe.kth.se