Bundling the expertise in the Berlin area....

Unifying Concepts in Catalysis

...to generate new synergies

A solid basis and starting point:
Research networks in the Berlin area
Existing research networks involving CoE participants

Collaborative Research Centers (DFG)
1. CRC 446: Mesoscopically organised composites
2. CRC 490: Analysis and control of ultrafast photodesorbed reactions
3. CRC 496: Protein cofactor interactions in biological processes
4. CRC 546: Structures, dynamics, and reactivity of transition-metal oxide aggregates
5. CRC 553: Complex nanoribbon complexes
6. CRC 557: Control of turbulent shear flows
7. CRC 605: Elementary processes in molecular switches at surfaces
8. CRC 740: From molecules to modules: Organization and dynamics of functional units in cells

International Research training groups (DFG)
1. RTG 1185: Genomes and systems biology of molecular networks

International Max-Planck Research Schools
1. HMGU: Complex surfaces in materials science
2. IPQ: Biometric systems

BMBF-Network Projects
1. GeronBi: Geron Biomedical, Metabolite Genomik
2. BioHL: Biontech Functional systems and simulator based basis

The CoE establishes tight international relationships with academic institutions
- to promote ongoing and new scientific collaborations
- to organize exchange of students and scientists

Promotion of gender equality

- 35% women at postdoc level
- >35% women on the junior researcher and professor level
- Percentage of women in committees higher than in CoE

Organisation of the CoE

Project selection...

...and quality control

Organisation with industrial partners will be institutionalised through Memorandums of Understanding regarding consultations, transfer of knowledge, technological advice and mutual support

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