



STIMULATE
European Joint Doctorates

SimulaTion in MULTiscale physicAl and biological sysTEms

European Joint Doctorates Program

Key objectives

- Deliver an innovative educational program
- Execute innovative interdisciplinary research projects that use simulation and data science as their underlying methodology
- Bridge the gap between academia and industry

Research topics

- Computational Fluid Dynamics
- Lattice Quantum Chromodynamics
- Computational biology
- Mathematical modeling and algorithms for exascale simulations and data-intensive science



STIMULATE fellows during a workshop at the University of Wuppertal

Training program

- 3-week workshops on
 - High performance computing and simulation
 - Fundamentals of Data Science
 - Mathematical modeling and numerical analysis for exascale
- Various topical workshops

PhD Awarding Institutions



Partners



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