

Course Announcement for Winter 2018/19: Computational Contact Mechanics

This course addresses interested master and doctoral students in civil and mechanical engineering, computational engineering science, mathematics and simulation science. The course is taught in English.

- Course topics:
- Classical contact mechanics
 - Mathematical constraints
 - Adhesion, friction and peeling
 - Contact algorithms
 - Finite element methods for contact
 - Impact
 - Mortar methods

The course will focus on numerical methods and offer exercises in practical finite element coding. Grading is based on project assignments and an oral examination. The course counts 5CP.

The lecture is scheduled on Wednesday, from 8:15am to 9:45am in room 115, Rogowski building and 10:00am to 11:30am in 001 GRS starting on October 24th. Course notes will be posted on L2P: <http://www2.elearning.rwth-aachen.de/english>

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