Course Announcement for Summer 2017:
Computational Modeling of Membranes & Shells

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:
- General surface descriptions
- Mechanics of membranes
- Mechanics of plates and shells
- Isogeometric discretization
- Finite element formulation

The course will focus on the theory and formulation behind numerical methods. Grading is based on project assignments and an oral examination.

The lecture is scheduled on Wednesday, from 8:15am to 10:45am in room 115, Rogowski building, starting on April 26th. For updates see L2P: http://www2.elearning.rwth-aachen.de/english

Instructor: Prof. Roger A. Sauer, Graduate School AICES, sauer@aices.rwth-aachen.de

The course is offered jointly by AICES and IAM