



EU Regional School 2019

in Computational Engineering Science
Part 2, Course 5-9, June - December

COURSE 5

Automated Simulation from Equations to Computation with Firedrake

June 18, 2019

1:00 pm - 2:30 pm & 3:00 pm - 4:30 pm

Dr. David Ham

Department of Mathematics, Imperial College London, UK



COURSE 6

Structural Analysis of Shells: Geometry, Mechanics, and Computational Methods

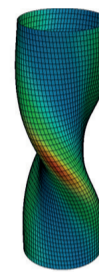
September 17, 2019

9:00 am - 10:30 am & 11:00 am - 12:30 pm

Prof. Dr. Josef Kiendl

Department of Marine Technology

Norwegian University of Science and Technology, Norway



COURSE 7

Optimum Experimental Design for Distributed Parameter System Identification

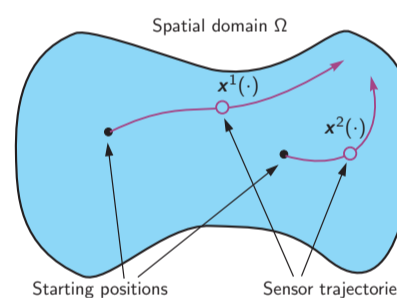
October 22, 2019

9:00 am - 10:30 am & 11 am - 12:30 pm

Prof. Dariusz Uciński, Ph.D.

Institute of Control and Computation Engineering

University of Zielona Góra, Poland



COURSE 8

Recent Developments in Gmsh

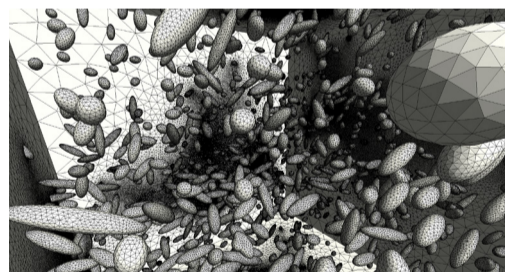
October 31, 2019

1:00 pm - 2:30 pm & 3:00 pm - 4:30 pm

Prof. Christoph Geuzaine, Ph.D.

Department of Electrical Engineering and Computer Science

University of Liege, Belgium



COURSE , Part 9

Model Order Reduction and Data-assisted Surrogates in Materials Science

November 5, 2019

1:30 am - 1:00 pm & 2:00 pm - 3:30 pm

Dr. Felix Fritzen

Emmy Noether Group EMMA - Efficient Methods for Mechanical Analysis

University of Stuttgart

