# EU Regional School 2017

## in Computational Engineering Science
## Part 1, Course 1 - 4, January - July

### COURSE 1

Mathematical Models for Correspondence Problems in Medical Imaging

**March 15, 2017**
9:30 am - 10:30 am & 11:00 am- 12:00 pm & 1:00 pm - 2:00 pm
**Prof. Dr. Jan Modersitzki**
Institute of Mathematics and Image Computing
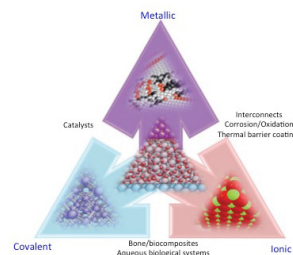University of Lübeck and Fraunhofer MEVIS, Germany



### COURSE 2

Classical Interatomic Potentials for Molecular Dynamics Simulations: Recent Advances and Challenges

**May 4, 2017**
1:00 pm - 2:30 pm & 3:00 pm - 4:30 pm
**Prof. Dr. Simon R. Phillpot**
Department of Materials Science and Engineering
University of Florida, USA



### COURSE 3

Human Language Technology and Machine Learning: From Bayes Decision Theory to Deep Learning

**May 11, 2017**
1:00 pm - 2:30 pm & 3:00 pm - 4:30 pm
**Prof. Dr. Hermann Ney**
Computer Science Department
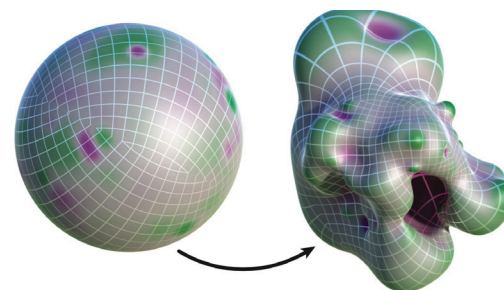RWTH Aachen University



### COURSE 4

Conformal Geometry Processing

**July 6, 2017**
1:00 pm - 2:30 pm & 3:00 pm - 4:30 pm
**Prof. Dr. Keenan Crane**
Computer Science Department, Robotics Institute
Carnegie Mellon University, USA



The courses take place in Aachen, Germany at AICES Graduate School, RWTH Aachen
Schinkelstr. 2 (Rogowski Building), Seminar Room 115, 1st floor.
Registration for the EU Regional School is not required. If you would like to participate in any of the course
or if you need any organizational help, just email to AICES Service Team: office@aices.rwth-aachen.de