



EU Regional School 2018

in Computational Engineering Science Part 1, Course 1-5, January - July

COURSE 1

Multiprecision Algorithms

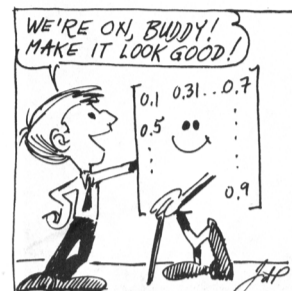
March 15, 2018

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

Seminar takes place at C.A.R.L. Building, 2nd Floor, Room HO8

Prof. Nicholas Higham, Ph.D.

School of Mathematics, University of Manchester, UK



COURSE 2

Probabilistic Numerics — Uncertainty in Computation

June 12, 2018

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

Prof. Philipp Hennig, Ph.D.

Department of Probabilistic Numerics

Max Planck Institute for Intelligent Systems, Tübingen



COURSE 3

Optimal Performance Numerical Code: Challenges and Solutions

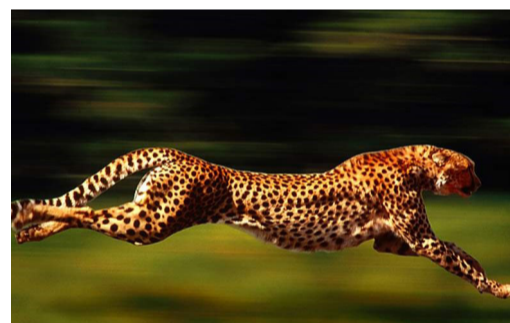
June 19, 2018

10:30 am - 12:00 pm & 1:30 - 3:30 pm

Prof. Dr. Markus Püschel

Department of Computer Science

ETH Zürich, Switzerland



COURSE 4

Probabilistic Programming with Python

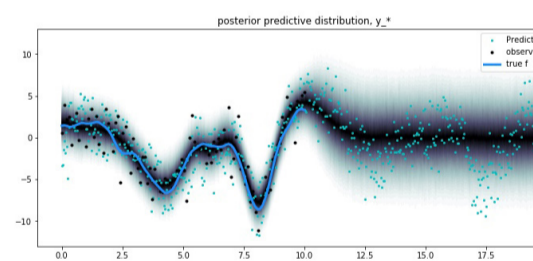
June 26, 2018

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

Prof. Christopher Fonnesbeck, Ph.D.

Department of Biostatistics

Vanderbilt University Medical Center, USA



COURSE , Part 1 & 2

Isogeometric Analysis with Application in Electrical Engineering

PART 1

July 30, 2018

4:00 pm - 5:30 pm

Prof. Dr. Sebastian Schöps

Graduate School CE,

Technische Universität Darmstadt

&

PART 2

July 31, 2018

9:00 pm - 10:30 pm

