



CIME-EMS Summer School in applied mathematics



Exploiting Hidden Structure in Matrix Computations. Algorithms and Applications

Cetraro (CS) - June 22 - June 26, 2015

Lectures

Michele Benzi (Emory Univ., USA), *Localization phenomena in matrix computations: theory and applications*

Dario A. Bini (Univ. Pisa, Italy), *Matrix structures in queueing models*

Daniel Kressner (EPFL Lausanne), *Matrices with hierarchical low-rank structures*

Hans Munthe-Kaas (Univ. Bergen, Norway), *Groups and Symmetries in Numerical Linear Algebra*

Charles Van Loan (Cornell University, USA), *Structured Matrix Computations from Structured Tensors*

LESSONS Program

MONDAY June 22, 2015	TUESDAY June 23, 2015	WEDNESDAY June 24, 2015	THURSDAY June 25, 2015	FRIDAY June 26, 2015
8:45-9:00 Opening	8:30 - 9:30 Kressner	8:30 - 9:30 Munthe-Kaas	8:30 - 9:30 Van Loan	8:30 - 9:30 Kressner
9:00-10:00 Van Loan	9:30 -10:30 Kressner	9:30 -10:30 Munthe-Kaas	9:30 -10:30 Van Loan	9:30 -10:30 Kressner
10:00-11:00 Van Loan	10:30-10:50 Coffee	10:30-10:50 Coffee	10:30-10:50 Coffee	10:30-10:50 Coffee
11:00-11:30 Coffee	10:50-11:50 Van Loan	10:50-12:50 Benzi	10:50-12:50 Bini	10:50-12:50 Munthe-Kaas
11:30-12:30 Bini	11:50-12:50 Van Loan	11:50-12:50 Benzi	11:50-12:50 Bini	11:50-12:50 Munthe-Kaas
16:00-17:00 Bini	16:00-17:00 Bini		16:00-17:00 Benzi	
17:00-18:00 Munthe-Kaas	17:00-18:00 Bini		17:00-18:00 Kressner	
18:00-19:00 Munthe-Kaas	18:00-19:00 Benzi		18:00-19:00 Kressner	
	21:00-23:00 Add'l talks		21:00-23:00 Add'l talks	