Rome-Moscow school of Matrix Methods and Applied Linear Algebra

ROME PART

Where: AULA DAL PASSO, Department of Mathematics, Faculty of Sciences

	Monday 17	Tuesday 18	Wednesday 19	Thursday 20	Friday 21
9.15 - 10.45	Goreinov	Zellini	Bertaccini	Zellini	Filippone
11.00 - 12.30	Goreinov	Zellini	Bertaccini	Zellini	Bertaccini
12.30 - 14.15			*Lunch Break*		
14.15 - 15.45	Zellini	Goreinov	Lebedeva	Manni	Ikramov
16.00 - 17.30			Goreinov	Ikramov	Ikramov

	Monday 24	Tuesday 25	Wednesday 26	Thursday 27	Friday 28
9.15 - 10.45	Tyrtyshnikov Lebedeva	De Rossi	Tyrtyshnikov Lebedeva	Ikramov	Di Benedetto
11.00 - 12.30	Tyrtyshnikov Lebedeva	Oseledets	Tyrtyshnikov Lebedeva	Di Benedetto	Tyrtyshnikov Lebedeva
12.30 - 14.15			*Lunch Break*		*Final discussion*
14.15 - 15.45	De Rossi	Ikramov	Ikramov	Oseledets	
16.00 - 17.30	Di Fiore	Ikramov	Fanelli	Oseledets	

Prof. Goreinov: Shannon, codes, practical computations

Prof. Zellini and Di Fiore: Displacement decompositions, matrix algebras, triangular Toeplitz matrices, Bernoulli numbers

Prof. Bertaccini: Iterative methods for large sparse structured linear systems

Prof. Tyrtyshnikov and Lebedeva: Matrices, tensors, computations

Prof. Ikramov: Introduction to commutative algebra (Hilbert theorems, Groebner bases)

Prof. Manni: Totally positive bases and matrices

Dr. Filippone: Some issues on high performance numerical methods for large sparse linear systems

Prof. De Rossi: Some Topics on Numerical Linear Algebra for Meshfree Approximation

Prof. Di Benedetto: Preconditioning and Regularization

Prof. Oseledets: Numerical methods in higher dimensions: theory, algorithms, software

Prof. Fanelli: First order pseudo-BFGS methods with O(n) complexity and superlinear convergence