

Rome-Moscow school of Matrix Methods and Applied Linear Algebra 2018

Lectures of the Rome part (September 9-23)

Department of Mathematics, University of Rome "Tor Vergata", Hall "Dal Passo" (or "L3", or "D'Antoni", or 21)

Week #1, September 10 – September 14

	Monday (L3)	Tuesday	Wedn (21)	Thursday	Friday
9.00-10.20	Open .. EG .. LDL (9:45-10:45)		TL	RP	MRZ
10.30-11.50	LDL ..CM..	AG	AG	SM	AG (canceled)
13.10-14.30	LDL	AG	AG	TL	
14.40-16.00	LDL	TL	SM	TL	

Week #2, September 17 – September 21

	Monday	Tuesday	Wednesday	Thurs (D'An)	Friday
9.00-10.20	MRZ & SC	VL (21)	RP		..GN Rector.. YN
10.30-11.50	VL	CDF (21)	GC & CDF & GAD	DF	TEE (10:50 -)
13.10-14.30	DBorFD	DF	YN	FT	Closing
14.40-16.00	TL	FT	DBorFD	DBorFD	

LDL Lieven De Lathauwer (September 9,10) - 3 lectures, Introduction to tensor methods

RP Roberto Peirone - 2 lectures, Math curiosities

DB Daniele Bertaccini - 2 lectures, Iterative methods and preconditioning for large and sparse linear systems with applications

FD Fabio Durastante -1 seminar, A Numerical Linear Algebra Perspective on Fractional Differential Equations

DF Dario Fasino (// 17evening -21 aftern) - 2 lectures, Nonnegative and spectral matrix theory with applications to network analysis

FT Francesco Tudisco (// 17-21) - 2 seminars, Nonlinear Perron-Frobenius theorem

YN Yuri Nesterenko (// 18(21:35)-23(00:05)) - 2 seminars, The Laplacian matrix

TEE Eugene Tyrtshnikov (// 18-22) - 1 lecture, Tensor-Based Algorithms

SM Sergey Matveev (// 9-14(14:55)) - 2 seminars, Applications of tensor trains to numerical simulation

CDF Carmine Di Fiore - 1 lecture, Matrix algebras

AG Alexander Gasnikov (// 8-16) - 4,5 lectures, Modern numerical methods of convex and non convex optimization

VL Vladimir Lyashev (// 16 (...->14:25, terminal 3)-18 (15:30->)) - 2 lectures, Applications of matrix algebra in wireless communication problems

MRZ Michela Redivo-Zaglia (// 13-18) - 2 lectures, Extrapolation methods and their applications

TL Tom Lyche – 5 lectures, Multivariate splines and simplex splines

Talks: GC Gianluca Ceruti (September 16-22) - Introduction to dynamical low rank approximation;

SC Stefano Cipolla - Extrapolation methods for multilinear pagerank; GAD Giuseppe Alessio

D'Inverno - Singular value decomposition and its applications on 3D models reconstruction.

EG Emanuele Gandola; CM Carla Manni; GN Giuseppe Novelli , Rector of Rome "Tor Vergata" Univ..