



Programme at glance

	Monday 2	Tuesday 3	Wednesday 4	Thursday 5	Friday 6
09:00-10:00		Plenary (C.M. Casciola)	Plenary (R. Adami)	Plenary (S. Osher)	Plenary (A. Iollo)
10:00-10:30		Coffee break	Coffee break	Coffee break	Coffee break
10:30-13:00	<i>Registration</i>	Parallel Minisymposia II 28 Variational Approaches to Problems in Continuum Mechanics (I) 18 Flow Modelling in Subsurface Porous Media and Applications 23 Mathematical Modeling of Charge Transport in Low Dimensional Structures (II) 06 Function Approximation and Functional Equations: Theory, Numerical Methods and Applications (II) 08 Mathematical Modeling in Systems Biology 13 Recent Advances in Nonconforming and Polygonal Methods for Partial Differential Equations (II) 11 New Trends in Numerical Linear Algebra and Applications	Parallel Minisymposia III 28 Variational Approaches to Problems in Continuum Mechanics (II) 27 Discrete Mathematics, Number Theory and Applications to Control 01 Vortex Equilibrium and Dynamics in Geophysics (I) 16 Mathematical Modelling of Environmental Problems 20 Numerical Methods for Integral Equations and Applications (I) 13 Recent Advances in Nonconforming and Polygonal Methods for Partial Differential Equations (III) 25 Complexity Reduction, Mathematical Modelling and Control (I)	Parallel Minisymposia V 15 Mathematical Models in Life and Environmental Sciences 07 Different Issues in Asymptotic Analysis and Material Sciences 17 Computational Models in Medicine and Neuroscience 09 Attempts of a Mathematical Uprising for Restructuring Biomedical Sciences (I) 12 Advances in Mathematical Modeling in Biology and Medicine 10 Mathematical Modelling and Computational Methods for the Cardiovascular System (I) Contributed Talk Session 01	Parallel Minisymposia VII 02 Recent Advances in Quasi-Interpolation and Applications 05 3D Shape Reconstruction and Applications 29 New Trends in Mathematical Models for Applications (II) 03 Networks in Biological Systems 26 Large-Scale Optimization and Applications Contributed Talk Session 02
13.00-14.00	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	Closing
14:00-14:30	Opening	SIMAI Prize Ceremony			
14:30-15:30	Plenary (M. Piana)	Plenary (SIMAI Prize Laureate 2017)	Plenary (M. Fabrizio)	Parallel Minisymposia VI 32 Numerical Methods for Embedded Interfaces: Applications to Geoscience 14 Techniques and Mathematical Modeling for the Fruition of the Cultural Heritage 29 New Trends in Mathematical Models for Applications (I) 09 Attempts of a Mathematical Uprising for Restructuring Biomedical Sciences (II) 25 Complexity Reduction, Mathematical Modelling and Control (II) 10 Mathematical Modelling and Computational Methods for the Cardiovascular System (II) 24 Research Pattern in Algebraic, Geometric and Analytical Fields	
15:30-16:00	<i>Coffee break</i>	<i>Coffee break</i>	<i>Coffee break</i>		
16:00-17:00	Parallel Minisymposia I 19 Healthcare and Medical Systems 21 New Perspectives in Theory, Numerics and Applications of Nonlocal Operators 23 Mathematical Modeling of Charge Transport in Low Dimensional Structures (I) 06 Function Approximation and Functional Equations: Theory, Numerical Methods and Applications (I) 31 Control and Inverse Problems for Evolution Equations 13 Recent Advances in Nonconforming and Polygonal Methods for Partial Differential Equations (I)	EDU-SIMAI Session	Parallel Minisymposia IV 22 Mathematical Models for Heterogeneous Media in Applied Sciences 04 Non-Standard Time Integration of Evolutionary Problems 01 Vortex Equilibrium and Dynamics in Geophysics (II) 30 Modeling, Simulation and Data Analysis for Sport 20 Numerical Methods for Integral Equations and Applications (II)		
17:00-17:30				<i>Coffee break</i>	
17:30-18:00				SIMAI General Assembly	
18:00-18:30		<i>EDU-SIMAI Poster Session & Cocktail</i>			
18:30-19:00					
19:00-20:00	<i>Welcome Cocktail</i>				
20:00				<i>Social Dinner</i>	