

Final program

Tuesday October 4th	WIVACE	9.00	11.00	Registration to Wivace		
		9.30	10.00	Opening and academic salutation		
		10.00	11.00	(Invited speaker) Gabor Vattay	Quantum criticality in biomolecules	
		11.00	11.30	Coffee break		
		11.30	12.00	Laura Sani	A GPU-based library for searching relevant sets of variables in complex systems	
		12.00	12.30	Riccardo Righi	New paths for the application of DCI in social sciences: theoretical issues regarding an empirical analysis	
		12.30	13.00	Angelo Facchini	Management Science for Complex Networks and Smart Water Grids: a case study in Italy	
		13.00	14.30	Lunch		
		14.30	15.20	(Invited speaker) Olli Yli-Harja	Mathematical modeling in systems biology	
		15.20	15.40	Valentina Mameli	Reducing dimensionality of molecular systems: a Bayesian non-parametric approach	
		15.40	16.10	Luigi Di Biasi - Armando Faggiano	Modeling and exploiting molecular docking: a gamification approach	
		16.10	16.40	Coffee break		
		16.40	17.00	Marcello Budroni	Scale-free networks out of multifractal chaos	
		17.00	17.30	Vitoantonio Bevilacqua	Photogrammetric Meshes and 3D Points Cloud Reconstruction: A Genetic Algorithm optimization procedure	
		Wednesday October 5th	WIVACE	9.30	10.20	(Invited speaker) Nicola Segata
10.20	10.40			Marzia Di Filippo	Constraint-based Modeling and Simulation of Cell Populations	
10.40	11.00			Gianluca Roscigno	Improving Biological Data Analysis Capabilities by Exploiting Distributed Computing	

11.00	11.30		Coffee break
11.30	12.00	Andrea Roli	Automatic design of boolean networks for cell differentiation
12.00	12.30	Marco Villani	Synchronization in Near-membrane Reaction Models of protocells
12.30	13.00	Alessandro Giovannelli	Model-based lead molecule design
13.00	14.30		Lunch
14.30	15.30	(Invited speaker) Raffaele Giancarlo	The chromatin organization of an eukaryotic genome: sequence specific + statistical = combinational
15.30	16.00	Lucia Sessa	Molecular dynamics and morphing protocols for high accuracy molecular docking
16.00	16.30	Tamas Bansagi	Collective Behaviour of Enzyme-loaded microbeads
16.30	17.00		Coffee break

**Thursday WIVACE
October /
6th BIONAM**

9.00	11.00		Registration to Bionam
9.30	10.20	(Invited speaker) Pier Luigi Gentili	A Strategy for Face Complexity: The Development of Chemical Artificial Intelligence
10.20	10.40	Massimo Trotta	Ich bin ein phototropes Bakterium
10.40	11.00	Emiliano Altamura	Giant Lipid Vesicles designed for Light Energy Transduction
11.00	11.30		Coffee break
11.30	12.00	Fabio Mavelli	Different theoretical approaches in simulating Giant Lipid Vesicles as protocell models
12.00	12.30	Yacine Azouz	The multi-objective Stochastic Local Search for the Optimal Web Services Composition
12.30	13.00		Poster session*
13.00	14.30		Lunch
14.30	15.00		Wivace committee meeting
15.00	16.00		Poster session*
16.00	23.30		Social Event (http://wivace.org/social-events)

**Friday BIONAM
October
7th**

9.30	10.20	(Invited speaker) Nicola Tirelli	Hyaluronic acid in drug delivery; clear and not-so-clear facts in CD44 targeting
10.20	10.40	Iolanda De Marco	Supercritical Antisolvent Process: PVP/Nimesulide Coprecipitates
10.40	11.00	Valentina Iozzino	PLA-based nanobiocomposites with modulated biodegradation rate
11.00	11.30	Coffee break	
11.30	12.00	Roberta Campardelli	Zein/luteolin coprecipitated particles production using a supercritical fluid assisted process
12.00	13.00	(Invited speaker) Paolo Netti	Building functional 3D human tissue in vitro: impact on well being and aging population
13.00	14.30	Lunch	
14.30	15.30	(Invited speaker) Gaetano Guerra	Graphene in 3-dimensions
15.30	16.00	Francesca D'Angelo	Current Directions in Synthetic Cell Research
16.00	16.30	Domenico D'Agostino	Scanning Probe Microscopy Investigation of ZnO and Co-doped ZnO thin films in dark and UV-light conditions
16.30	17.00	Concluding remarks	

* During the poster sessions, each participant has 2 minutes to present the basic ideas of the research before to start the discussion.