CeNS/SFB1032 Workshop Venice 2017: Design and Control of Nanosystems

Sunday, September 17	Time	Monday, September 18
	09:00	**Welcome**
	09:15	**Daniel Müller** tba
	10:00	**Mikael Rechtsman**
	10:45	**Coffee break**
	11:15	**Stefan Datz** Multifunctional mesoporous nanoparticles
	11:35	**Nigel Goldenfeld** Oscillatory population dynamics of mobile genetic elements
		Lunch (12:20-14:15)
	14:15	**Rob Phillips** The Molecular Switch and Monod's Second Secret of Life
	15:00	**Sanford Simon** The dynamics of molecules during the assembly of HIV-1
	15:45	**Coffee break**
	16:15	**Klaus Kroy** Exact symmetries in the velocity fluctuations of a hot Brownian swimmer
	17:00	**Aleksei Aksimentiev**
from 8:00 pm: Welcome Reception on San Servolo		**Speakers' dinner in Venice**

Time	Tuesday, September 19
09:00	**Gil Refael**
09:45	**Julie Biteen** Single-molecule imaging and plasmonics uncover nanometer-scale fundamentals of cell biology
10:30	**Coffee break**
11:00	**Tristan Meunier**
11:45	**Alexander Deiters** Optochemical Control of Biological Processes in Cells and Animals
	Lunch (12:30-13:30)
13:30	**Peter Hommelhoff** Landau-Zener-Stückelberg interferometry with electrons in graphene and other fun coherent phenomena on (sub-) femtosecond timescales
14:15	**Jörn Dunkel** Geometric control of microbial fluids: from bacterial spin lattices to active matter logic
	Posters session I & coffee (15:00-17:00)
17:00	**Nikta Fakhri** tba

Time	Wednesday, September 20
09:00	**Key challenges 1** Gil Refael
10:00	**Coffee break**
10:15	**Key challenges 2** Rob Philipps
11:15	**Coffee break**
11:35	**Ronny Thomale** Topolectrical circuits
	Lunch (from 12:20) Boat from San Servolo at 12:40 and 13:30
	Informal discussions / Sightseeing

Time	Thursday, September 21
09:00	**Michael Strano**
09:45	**Frank Pollmann**
10:30	**Coffee break**
11:00	**L. Mahadevan** Controlled growth and form: from precipitating microsculptures to growing soft flowers
11:45	**Oliver Trapp**
	Lunch (12:30-14:15)
14:15	**Rinaldo Trotta** Strain-engineered artificial atoms for quantum nanophotonics
15:00	**Patrick Vogel**
15:20	**Christoph Westerhausen**
	Posters session II & coffee (16:05-18:30)

Time	Friday, September 22
09:00	**Ivan Huc** Engineering synthetic folded organic nanoarchitectures
09:45	**Peter Röttgermann**
10:05	**Christoph Lienau**
10:50	**Closing remarks**
	Departure