

Workshop Schedule

Sunday	April 25th		
20.00pm	Informal welcome dinner: Ristorante-Pizzeria ALLA MOSTRA, Trento		
Monday	April 26th		
09.00am	Arrival and registration		
	Chairperson: Peter Saalfrank		
09.30am	Franz Hasselbach	U-Tübingen, DE	<i>Decoherence of electron waves caused by irreversible electromagnetic interaction with charges in a resistive plate</i>
10.30am	Coffee		
11.00am	Stefan Gerlich	U-Vienna, AU	<i>Coherence and decoherence of hot, complex molecules</i>
12.00pm	Klaus Hornberger	MPIPKS, Dresden	<i>Hund's paradox and the collisional stabilization of chiral molecules</i>
13.00pm	Lunch/Discussion		
	Chairperson: Alahari Navin		
14.30pm	David Hinde	ANU, Canberra, Australia	<i>Quantum coherence and decoherence in low energy nuclear collisions: from superposition to irreversible outcomes</i>
15.30pm	Coffee		
16.00pm	Lorenzo Corradi	INFN Legnaro, IT	<i>Aspects of the transition from quasielastic to deep inelastic processes</i>
Tuesday	April 27th		
	Chairperson: Ron Johnson		
09.30am	Alexis Diaz Torres	U-Surrey, UK	<i>Decoherence in low energy nuclear collisions?</i>
10.30am	Coffee		
11.00am	Mahir Hussein	USP, Sao Paulo, Brazil	<i>Decoherence in nuclear collisions: the role of the exit doorway</i>
12.00pm	Marek Płoszajczak	GANIL, Caen, France	<i>Shell Model for Open Quantum Systems</i>
13.00pm	Lunch/Discussion		
	Chairperson: Walter Strunz		
14.30pm	Aurelian Isar	NIPNE, Bucharest, RO	<i>Quantum decoherence and entanglement in two mode open systems</i>

15.30pm	Coffee		
16.00pm	Peter Saalfrank	U-Potsdam, DE	<i>Open system density matrix theory for surface science problems</i>
17.00pm	Ulrich Kleinekathöfer	Jacobs University, Bremen	<i>Applying time-local quantum master equations to dissipative dynamics and transport</i>
Wednesday	April 28th		
	Chairperson: Ronnie Kosloff		
09.30am	Jyrki Piilo	U-Turku, Finland	<i>Open quantum systems with memory</i>
10.30am	Coffee		
11.00am	Barry Garraway	U-Sussex, UK	<i>Decay analysis with reservoir structures</i>
12.00pm	Irene Burghardt	ENS, Paris, FR	<i>Coherence and decoherence in ultrafast molecular processes: non-Markovian approaches based upon a hierarchical effective-mode decomposition</i>
13.00pm	Lunch/Discussion		
	Chairperson: Irene Burghardt		
14.30pm	David Coker	UCD, Dublin, IR	<i>Coherent excitation energy transfer in photosynthetic light harvesting systems</i>
15.30pm	Coffee		
16.00pm	Angelo Bassi	U-Trieste, IT	<i>Non-Markovian quantum dynamics: a stochastic Schrödinger equation approach</i>
17.00pm	Guillaume Hupin	GANIL, Caen,FR	<i>Quantum Monte-Carlo for Non-Markovian dynamics</i>
Thursday	April 29th		
	Chairperson: Baha Balantekin		
09.30am	Denis Lacroix	GANIL, Caen, FR	<i>The nuclear many-body problem: an open quantum system perspective</i>
10.30am	Coffee		
11.00am	Takashi Nakatsukasa	RIKEN, Japan	<i>Time-dependent approaches to quantum dynamics of many-body systems</i>
12.00pm	Arnau Rios Huguet	U-Surrey, UK	<i>Time-dependent Green's Functions Approach to Nuclear Reactions</i>
13.00pm	Lunch/Discussion		
	Chairperson: Klaus Hornberger		

14.30pm	Walter Strunz	TU-Dresden, DE	<i>Quantum decoherence of qubits</i>
15.30pm	Coffee		
16.00pm	Ronnie Kosloff	Hebrew University, IS	<i>Control by decoherence: weak field control of excited state objective</i>
	Workshop Dinner (time and location TBA)		
Friday	April 30th		
	Chairperson: Jeff Tostevin		
09.30pm	Baha Balantekin	U-Wisconsin, USA	<i>Dissipation in Multidimensional Quantum Tunneling and Sub-barrier Fusion</i>
10.30am	Coffee		
11.00am	Mahananda Dasgupta	ANU, Canberra, Australia	<i>Coherence and dissipation in nuclear fusion</i>
12.00pm	Kouichi Hagino	Tohoku University, JP	<i>Sub-barrier fusion reactions with dissipative couplings</i>
13.00pm	Close of Workshop, lunch and and farewells		