

QIP 2010 Rump-Session Program

January 20, 2010

Time	Event	Authors	Minutes
18:30	Buffet Opening		
18:55	Rump-Session Prologue	<u>Louis Salvail</u> (chair)	5
19:00	Session I		
19:00	Quantum communicating arbitrarily fast, far and reliably	<u>Austin Fowler</u>	5
19:07	The dependence of the ferromagnetic ordering in the degenerated electron system from the dimension	<u>Fedor Orlenko</u> , George Zegrya and Elena Orlenko	4
19:13	Free probability techniques in quantum information theory	Benoit Collins and <u>Ion Nechita</u>	7
19:22	Announcement of TQC 2010	<u>Viv Kendon</u> and Wim van Dam	2
19:26	The Video Abstracts at Quantiki	<u>Daniel Burgarth</u>	4
19:32	Fixed-gap universal adiabatic quantum computation	<u>Ari Mizel</u>	8
19:44	Monotone ‘metric’ in the channel space: resource conversion approach	<u>Keiji Matsumoto</u>	5
19:51	Entanglement-assisted communication of classical and quantum information	<u>Min-Hsiu Hsieh</u> and Mark Wilde	8
20:01	Multiplayer XOR games with clique-wise entanglement	<u>Jop Briet</u>	5
20:08	Trade-off capacities of the quantum Hadamard channels	Kamil Bradler, Patrick Hayden, Dave Touchette and <u>Mark Wilde</u>	8
20:18	Bounds for quantum oblivious transfer reductions	Severin Winkler and <u>Jürg Wullschleger</u>	4
20:24	Teleportation: The Movie	<u>Clare Horsman</u>	6
20:30	Break		

Time	Event	Authors	Minutes
21:00	Session II		
21:00	QMA with unique witnesses: an impossibility result?	<u>Andris Ambainis</u>	8
21:10	ICITS 2011	<u>Serge Fehr</u>	2
21:14	Generating random stabilizer states: a theorem in search of an application	<u>Scott Aaronson</u> and David Chen	8
21:24	Nigel & Mary - A love story	<u>Katherine Brown</u> , Clare Horsman, Viv Kendon and Bill Munro	5
21:31	Announcement of Quantum Communication Workshop 2010, UNIK, Kjeller (Oslo), Norway	<u>Sara Felloni</u>	2
21:35	The Impotence of Nonlinearity: Why closed timelike curves and non-linear quantum mechanics don't improve quantum state discrimination, and haven't been shown to dramatically speed up computation, if computation is defined in a natural, adversarial way	<u>Charles Bennett</u> , Debbie Leung, Graeme Smith and John Smolin	8
21:47	Advertisement for poster 56 of Thursday January 21	<u>Marco Piani</u> , William Matthews and John Watrous.	3
21:52	Bounds on the probability of transformation between multipartite pure states	<u>Wei Cui</u> , Wolfram Helwig and Hoi-Kwong Lo	7
22:01	You're Telling Me The Uncertainty Principle Is Wrong?	<u>Joseph Renes</u> , Roger Colbeck, Mario Berta, Matthias Christandl and Renato Renner	7
22:10	Learning quantum states coherently (and adaptive quantum compression)	Robin <u>Blume-Kohout</u> and Sarah Croke	4
22:16	Quantum Money	<u>Andrew Lutomirski</u> and et al	7
22:25	The Next Quantum Frontier	<u>Todd Brun</u>	5