

IRTG 1740: Workshop 2013

Saturday, 07.09.2013 (Humboldt-University, Unter den Linden 6, 10099 Berlin, Senatssaal)

09:00 - 09:30	<i>Opening</i>
09:30 - 10:00	A. Roque (Ribeirão Preto, BR) <i>Self-sustained activity in neural networks</i>
10:00 - 10:30	PhD Talk 01/02
10:30 - 11:00	<i>Coffee Break</i>
11:00 - 11:30	A. Kihara (Santo André, BR) <i>Correlation of changes in mental states and configuration of neuronal networks</i>
11:30 - 12:00	PhD Talk 03/04
12:00 - 12:30	D. Marchetti (São Paulo, BR) <i>On the virial series of a gas of particles with uniformly pair interaction</i>
12:30 - 14:00	<i>Lunch Break</i>
14:00 - 14:30	C. Goldman (São Paulo, BR) <i>On the transport of particles by molecular motors</i>
14:30 - 15:00	PhD Talk 05/06
15:00 - 15:30	G. Sampaio (São José dos Campos, BR) <i>Feedbacks between vegetation and climate</i>
15:30 - 16:00	<i>Coffee Break</i>
16:00 - 16:30	G. Obregón (São José dos Campos, BR) <i>Complex networks to represent and characterize climate</i>
16:30 - 17:00	PhD Talk 07/08
17:00 - 18:00	<i>Education & Exchange Discussion</i>
18:30	<i>Common Dinner</i>

Sunday, 08.09.2013 (Humboldt-University, Unter den Linden 6, 10099 Berlin, Senatssaal)

09:00 - 09:30	H. Barbosa (São Paulo, BR) <i>Atmospheric aerosols in Amazonia and land use change</i>
09:30 - 10:00	PhD Talk 09/10
10:00 - 10:30	I. Caldas (São Paulo, BR) <i>Transport barriers in non twist systems</i>
10:30 - 11:00	<i>Coffee Break</i>
11:00 - 11:30	L. Alves (São José dos Campos, BR) <i>Statistical analysis of extreme events in long-time series from Amazon basin</i>
11:30 - 12:00	PhD Talk 11/12
12:00 - 12:30	M. Cardoso (São José dos Campos, BR) <i>Improvements of land-surface models to account for fire-climate feedbacks in the Amazon region</i>
12:30 - 14:00	<i>Lunch Break</i>
14:00 - 14:30	PhD Talk 13/14
14:30 - 15:00	E. Macau (São José dos Campos, BR) <i>Controlling collective behavior</i>
15:00 - 15:30	PhD Talk 15/16
15:30 - 16:00	<i>Coffee Break</i>
16:00 - 17:00	<i>Next Steps Discussion</i>
17:00 - 17:30	<i>Plenary & Commissions & Organization</i>
17:30 - 18:00	<i>Closing</i>

IRTG 1740: School 2013

Monday, 09.09.2013 (Humboldt-University, Department of Physics, Newtonstr. 15, 12489 Berlin, Gerthsen Hörsaal)

09:00 - 09:15	<i>Welcome</i>
09:15 - 10:45	M. Quiles (São José dos Campos, BR) <i>Data classification using labeled and unlabeled samples</i>
10:45 - 11:15	<i>Break</i>
11:15 - 12:45	R. Winkelmann (Potsdam, DE) <i>The Antarctic ice sheet and its role for future sea-level rise</i>
12:45 - 14:15	<i>Lunch Break</i>
14:15 - 15:45	H. Barbosa (São Paulo, BR) <i>From weather forecasts to climate change simulations</i>
15:45 - 16:15	<i>Break</i>
16:15 - 17:45	T. Pereira (Santo André, BR) <i>Dynamics of coupled maps in heterogeneous networks</i>

Tuesday, 10.09.2013 (Potsdam Institute for Climate Impact Research, Telegrafenberg, 14473 Potsdam, Haus H)

09:15 - 10:45	R. Traub (New York, US) <i>Gap junction coupling in epilepsy</i>
10:45 - 11:15	<i>Break</i>
11:15 - 12:45	C. Giraud (Orsay, FR) <i>Statistics for graphical models (I)</i>
12:45	<i>City & Culture</i>

Wednesday, 11.09.2013 (Potsdam Institute for Climate Impact Research, Telegrafenberg, 14473 Potsdam, Haus H)

09:15 - 10:45	I. Caldas (São Paulo, BR) <i>Chaotic transport in confined plasmas</i>
10:45 - 11:15	<i>Break</i>
11:15 - 12:45	C. Giraud (Orsay, FR) <i>Statistics for graphical models (II)</i>
12:45 - 14:15	<i>Lunch Break</i>
14:15 - 15:45	T. Stemler (Crawley, AU) <i>What to do with data: From phenomenological modelling to data assimilation</i>
15:45 - 16:15	<i>Break</i>
16:15 - 17:45	S. Martens (Berlin, DE) <i>Parallel computing with CUDA (I)</i>

Thursday, 12.09.2013 (Potsdam Institute for Climate Impact Research, Telegrafenberg, 14473 Potsdam, Haus H)

09:15 - 10:45	S. Martens (Berlin, DE) <i>Parallel computing with CUDA (II)</i>
10:45 - 11:15	<i>Break</i>
11:15 - 12:45	Exercises <i>tba</i>
12:45	<i>Discussion</i>