



UNIVERSITY OF AMSTERDAM



International Young Scientists Conference "High Performance Computing and Simulation" 2012

Eulerzaal (room Z009 own entrance) the CWI building, Science Park
123, Amsterdam, Netherlands

2-6 April, 2012

CONFERENCE PROGRAM

Day 1: Monday, 02 April 2012

Time	Sessions	Topic	Chair
9:00-9:30	<i>Registration and welcome coffee</i>		
9:30-10:00	Prof Peter Sloot, Prof Alexander Boukhanovsky	Introduction	
10:00-10:45	Prof. Dr. Han La Poutré (CWI and Uni Eindhoven)	Agents and Intelligence in Logistics and Energy Problems	Prof Peter Sloot
10:45-12:00	Science Speed Date		
11:30-12:00	<i>Coffee break</i>		
12:00-13:00	Young Scientists Presentations		
13:00-14:00	<i>Lunch</i>		
14:00-14:45	Prof. Dr. Cees de Laat (UvA, Netherlands)	Mastering Complex Networked Cyber Infrastructure	Prof Alexander Boukhanovsky
14:45-15:45	Young Scientists Presentations		
15:45-16:00	Networking Tea Break		
16:00-16:45	Dr. Mike Harold Lees (Nanyang Technological University (NTU) Singapore)	Agent-based models by example	Prof Alexander Boukhanovsky
16:45-17:30	Young Scientists Presentations		
17:30-19:00	Welcome reception	http://www.usc.uva.nl/algemeen/cafe_en.php	

Day 2: Tuesday, 03 April 2012

Time	Sessions	Topic	Chair
9:00-9:30	<i>Registration and welcome coffee</i>		
9:30-10:15	Prof. Dr. Marian Bubak (AGH University of Science and Technology, Kraków, Poland & UvA, Netherlands)	Collaborative applications on distributed e-infrastructures	Prof Peter Slood
10:15-11:00	Young Scientists Presentations		
11:00-11:30	<i>Coffee break</i>		
11:30-12:15	Young Scientists Presentations		
12:15-13:00	Young Scientists Presentations		
13:00-14:00	Lunch		
14:00-14:45	Dr. Jaap Kaandorp (UvA, Netherlands)	Modelling gene regulation of morphogenesis	Prof Alexander Boukhanovsky
14:45-15:45	Prof. Dr. Maarten van Steen (VU, Netherlands)	Challenges in measuring geospatial social networks	Prof Peter Slood
15:45-16:00	Networking Tea Break		
16:00-16:45	Young Scientists Presentations		
16:45-18:00	Young Scientists Presentations		
18:00-19:00	Transfer to Central Station (by train), address: Prins Hendrikkade 25		
19:00-20:00	Amsterdam canal boat trip		

Day 3: Wednesday, 04 April 2012

Time	Sessions	Topic	Chair
9:00-9:30	Registration and welcome coffee		
9:30-10:15	Prof. Dr. Bastien Chopard (University of Geneva, Switzerland)	The lattice Boltzmann method and its applications to science and engineering	Prof Peter Soot
10:15-11:00	Dr. Paul Duijn (Computational Criminology, The Netherlands)	Computational criminology and criminal network research	Prof Peter Soot
11:00-11:30	Coffee break		
11:30-12:15	Prof. Dr. Gusz Eiben (Vrije University, Amsterdam, Netherlands)	Embodied Artificial Evolution: the Next Big Thing?	Prof Peter Soot
12:15-13:00	Prof. Dr. George Kampis (Eötvös Loránd University, Hungary)	Information Propagation in Dynamic Sexual Contact Networks	Prof Peter Soot
13:00-14:00	Lunch		
14:00-14:45	Prof. Dr. Jack Dongarra (University of Tennessee, USA)	On the Future of High Performance Computing: How to Think for Peta and Exascale Computing	Prof Peter Soot
14:45-16:00	Young Scientists Presentations		
16:00-16:15	Networking Tea Break		
16:15-17:00	Dr. Valeria V. Krzhizhanovskaya (St. Petersburg State Polytechnical University, UvA)	Modelling Dikes and Floods on HPC Clouds	Prof Alexander Boukhanovsky
17:00-18:00	Young Scientists Presentations		
18:00-18:15	Prof Peter Soot, Prof Alexander Boukhanovsky	Closing discussion	

Day 4: Thursday, 05 April 2012

Time	Sessions	Topic	Chair
9:00-9:30	Registration and welcome coffee		
9:30-10:15	Young Scientists Presentations		
10:15-11:00	Dr. Anwar Osseyran (SARA)	About SARA	Prof Peter Sloot
11:00-11:30	Coffee break		
11:30-12:15	Dr. Robert Belleman	Life saving visualization	Prof Peter Sloot
12:15-13:00	Young Scientists Presentations		
13:00-14:00	Lunch		
14:00-14:45	Dr. Alfons Hoekstra (UvA, Netherlands)	Distributed Multiscale Computing	Prof Alexander Boukhanovsky
14:45-15:15	Young Scientists Presentations		
15:15-15:30	Prof Peter Sloot, Prof Alexander Boukhanovsky	Closing session	
15:30-15:45	Networking Tea Break		
15:45-17:00	SARA Tour	http://www.sara.nl/	
17:00-18:00	Drinks and snacks provided by SARA		