

2nd Biomed GRIDSchool

12-16 May 2008, Varenna, Italy

Programme

Biomed Grid Summer School 2008 programme

Villa Monastero, Via Polvani 2, Varenna, Italy

Monday 12	10:30-10:45	Welcome Biomed Grid Summer School 2008 (Luciano Milanesi)
	10:45-12:15	Grid middleware
	10.45-11:15	gLite technical aspects and installation (<i>Cristina Aiftimiei</i>)
	11:15-11:45	the gLite Data Management system (<i>Diego Scardaci</i>)
	11:45-12:15	the gLite Workload Management System (<i>Giuseppe La Rocca</i>)
	12:15-14:00	Lunch break*
	14:00-17:15	The latest developments in Grid technology
	14:00-14:30	Secure Storage service for the gLite middleware (<i>Diego Scardaci</i>)
	14:30-15:00	Overview on monitoring tools for Grid Systems - GridICE (<i>Antonio Pierro</i>)
	15:00-15:30	Introduction to GENIUS portal (<i>Giuseppe La Rocca</i>)
15:30-15:45	Coffee Break	
15:45-16:15	AMGA (<i>Diego Scardaci</i>)	
16:15-17.30	Practical on gLite and GENIUS (<i>Giuseppe La Rocca</i>)	
Tuesday 13	09:00-12:15	Grid Portals
	09:00-10:30	Grid workflow applications and implementation in P-GRADE Grid Portal - Lecture with demonstrations (<i>Miklos Kozlovsky</i>)
	10:30-10:45	Coffee Break
	10:45-12:15	Workflow practicals with P-GRADE Portal (<i>Miklos Kozlovsky</i>)
	12:15-14:00	Lunch break*
	14:00-17:15	Grid Portals
	14:00-15:30	Parameter study grid applications and support in P-GRADE Grid Portal - Lecture (<i>Miklos Kozlovsky</i>)
	15:30-15:45	Coffee Break
	15:45-16:45	Parameter study practicals with P-GRADE Grid Portal (<i>Miklos Kozlovsky</i>)
	16.45-17.15	Other P-GRADE based portals and future steps (<i>Miklos Kozlovsky</i>)
Wednesday 14	09:00-12:15	Introduction to Workflows in Taverna
	09:00-09:45	An Introduction to Workflows in Taverna (<i>Georgina Moulton</i>)
	09:45-10:30	Building Workflows in Taverna (<i>Georgina Moulton</i>)
	10:30-10:45	Coffee Break
	10:45-12:15	Building Workflows in Taverna (<i>Georgina Moulton</i>)
	12:15-14:00	Lunch break*
	14:00-18:00	Boat trip - lake Como

* Please note that meals are not provided

2nd Biomed GRIDSchool

12-16 May 2008, Varenna, Italy

Programme

Thursday 15	09:00-12:15	Biological databases in grid
	09:00-09:30	Optimisation of database performance in grid (<i>Giacinto Donvito</i>)
	09.30-10.00	Medical imaging database infrastructure applications in grid (<i>Stefano Bagnasco</i>)
	10:00-10:30	Managing Biological Databases in Grid: the GReIC experience (<i>Salvatore Vadamca</i>)
	10:30-10:45	Coffee Break
	10:45-12:15	Data access and integration in Grids - the OGSA-DAI approach (<i>Alistair Grant</i>)
	12:15-14:00	Lunch break*
	14:00-17:15	Grid-enabled data manipulation with OGSA-DAI
	14:00-15:30	Grid-enabled data manipulation with OGSA-DAI - Practical (<i>Alistair Grant</i>)
	15:30-15:45	Coffee Break
	15:45-17:15	Grid-enabled data manipulation with OGSA-DAI - Practical (<i>Alistair Grant</i>)
	17:15-18:00	Student Evaluation Test
Friday 16	09:00-12:15	Grid based applications for Bioinformatics
	09:00-09:30	GPS@ Grid portal and WS: Protein Sequence Analysis on the Grid (<i>Christophe Blanchet</i>)
	09:30-10:00	EELA project (<i>Gabriel Aparicio</i>)
	10:00-10:30	Swiss Grid Initiative (<i>Peter Kunszt</i>)
	10:30-10:45	Coffee Break
	10:45-11:30	The WISDOM experience (<i>Vincent Breton, Ana Da Costa</i>)
	11:30-12:15	Transcriptomics and Phylogenetics (<i>Pietro Liò</i>)
	12:15-14:00	Lunch break*
	14:00-17:15	Grid based applications for Bioinformatics
	14:00-14:30	e-NMR (<i>Antonio Rosato</i>)
	14:30-15:00	The EnginFrame experience for GRID (<i>Livia Torterolo</i>)
	15:00-15:30	Grid and Web Service application (<i>Tiziana Castrignanò</i>)
	15:30-15:45	Coffee Break
	15:45-16:15	BioinfoGRID EU project experience (<i>Luciano Milanesi</i>)
	16:15-16:30	Biomed Grid School Certificate of Credit Award Ceremony and closing (<i>Luciano Milanesi</i>)

* Please note that meals are not provided