

HPC driving innovation in Europe

4th PRACE Industrial Seminar – Bologna, 16-17 April 2012 - **PROGRAMME**

DAY 1		
TIME	TOPIC	SPEAKER
12:00 – 13:30	Registration & Welcome Buffet	
13:30	Seminar Opening	
14:00	Official Opening	Sanzio Bassini HPC Director, CINECA, Bologna, Italy
14:15	Welcome Message	Paolo Bonaretti General Director, Aster
14:30	The European Commission	Thomas Reibe The European Commission
14:45	PRACE and Industry	Prof. Thomas Lippert PRACE
PRACE driving industrial innovation in European industry		
15:00	PRACE Open R&D Model <i>What is it? How to use it?</i>	Dr Maria Ramalho PRACE Director
15:15	ETP4HPC – European Technology Platform	Jean-François Lavignon, Hugo Falter, Giampietro Tecchiolli ETP4HPC
15:40	PRACE Industrial Pilot Projects: CENAERO	Dr Koen Hillewaert Scientific Expert, CENAERO
16:00	Coffee Break	
Success Stories: Return on Investment from innovation using HPC – Part 1		
16:30	Success Story - The impact of HPC on business	Sergio Zazzera ENI, Italy
16:50	Success Story - Pharmaceutical	Andrea Beccari Dompe, Italy
17:05	Success Story - Automotive	Erik Lönroth Scania, Sweden
Parallel Sessions – Part 1		
17:20	HPC for SMEs Moderator: Dr Eoin Brasil, PRACE <u>Plenary Room</u> 1 - Mark Parsons, EPCC, Scotland – <i>Supercomputing Scotland</i> 2 - Stéphane Requena, GENCI – <i>French HPC Programmes for SMEs</i> 3 – Rui Da Silva, Danielson Engineering, France	From Academia to Industry Moderator: Dr Thomas Boenisch, PRACE <u>Garden Room</u> 1 - Prof. Claudio Tebaldi, Bocconi University, Italy <i>High Performance computing in Financial Risk management</i> 2 - Mark Westwood, Petroleum Geo-Services 3 - Dr.-Ing. Risio Benedetto, President, RECOM Services GmbH,
18:30	End of DAY 1	
19:00	Social Event – Guided Tour from <i>I Portici</i> to <i>Corte Isolani</i>	
20:30	Social Event – Aperitive in <i>Corte isolani</i>	
21:00	Seminar Dinner – <i>La Capriata (Corte Isolani)</i>	

DAY 2		
TIME	TOPIC	SPEAKER
08:00	Welcome Coffee	
Success Stories: Return on Investment from innovation using HPC – Part 2		
08:30	Success Story	Bert Jagers Deltares, Holland
08:50	Success Story	Michael Olsson Tetra Pak, Sweden
09:10	Success Story	Erwan Jacquin Hydrocean, France
09:30	Success Stories from Another Region: <i>Korean Grand Plan for Industrial Supercomputing</i>	Sang Min Lee KISTI Supercomputing Center, Korea
HPC in a business environment		
10:00	Barriers to the introduction of simulation methods and HPC Technologies in SMEs	Prof. Stefano Odorizzi EnginSoft, Italy
10:15	<i>Virtual Tour</i> – The process of implementing HPC in a business environment	Erik Lönroth Scania, Sweden
10:30	Coffee Break	
Parallel Sessions – Part 2		
11:00	<i>HPC Service as a Cloud</i> Moderator: Dominik Ulmer , PRACE <u>Garden Room</u> 1 - Christian Mezzanotte, Datalynx AG, Switzerland - <i>Hands-on: cluster automation with AWS</i> 2 – Dr Axel Berg, SARA, Holland - <i>Dutch HPC Cloud: flexible HPC for high productivity in science and business</i>	<i>PRACE Technology Watch Prototypes & Software enabling</i> Moderator: Mark Parsons , PRACE <u>Plenary Room</u> 1 - Jonathan Follows – <i>Technology Watch</i> 2 - Torsten Wilde- <i>Prototypes</i> 3 - Paul Graham – <i>Progress in software enabling</i>
CLOSING		
12:00	WRAP UP OF PARELLEL SESSIONS AND SEMINAR Stéphane Requena, Mark Parsons, Dominik Ulmer, Georgi Prangov (all PRACE)	
12:30	What is coming next? Chaired by Dr Maria Ramalho, PRACE Director	
12:40	Industrial Advisory Committee PRACE 3 rd Implementation Phase	Dr Cinzia Zannoni PRACE
12:55	Presentation of Award for the Most Innovative European HPC Application	Prof. Richard Kenway PRACE - Scientific Steering Committee
13:05	Announcement of Next Seminar	Dr Thomas Boenisch HLRS, Stuttgart
13:15	Closing Message	Dr Maria Ramalho PRACE Director
13:30	Lunch and End of Seminar	

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