

Time	Tuesday, 30 October 2018	Wednesday, 31 October 2018
07:00		Breakfast <i>Restaurant Bamboo</i> <i>Hotel Ling Bao</i>
08:00	Registration <i>(near the hotel reception,</i> <i>Hotel Ling Bao)</i>	
09:00	Arrival & Coffee <i>Quantum</i>	Links with Industry <i>(Session Chairs: Paul Graham, Alan Simpson)</i> <i>Quantum 2nd floor</i>
10:00	Opening Session 10:00-10:10 Florian Berberich: Welcome 10:10-10:25 Serge Bogaerts: EXDCI-2 contribution to structuring the European HPC ecosystem 10:25-10:40 Evangelos Floros: EuroHPC Joint Undertaking current status and next steps 10:40-11:00 Jean-François Lavignon: The results of the FET HPC 2015 projects <i>Quantum 2nd floor</i>	Operational Services 2 <i>(Session Chairs: Fabio Affinito, Filip Stanek)</i> <i>Quantum 2nd floor</i>
11:00	Plenary Session (all participants)	Plenary Session 10:30-11:00 Thomas Lippert: PRACE in the EuroHPC era <i>Quantum 2nd floor</i>
12:00		Coffee Break & Group picture <i>Quantum 2nd floor</i>
13:00		Training 2 <i>(Session Chairs: Tiina Leiponen, Aris Sotiropoulos, Simon Wong)</i> <i>Quantum 2nd floor</i>
14:00	Lunch <i>Quantum 2nd floor</i>	Application enabling at exascale <i>(Session Chair: Walter Lioen)</i> <i>Quantum 2nd floor</i>
15:00	Dissemination <i>(Session Chair: Marjolein Oorsprong)</i> <i>Quantum 2nd floor</i>	Brief Report from all parallel Meetings & Conclusions <i>Quantum 2nd floor</i>
16:00	Operational Services 1 <i>(Session Chairs: Fabio Affinito, Filip Stanek)</i> <i>Quantum 2nd floor</i>	Coffee Break <i>Quantum 2nd floor</i>
17:00	Coffee Break <i>Quantum 2nd floor</i>	Individual Park Visit
18:00	Training 1 <i>(Session Chairs: Tiina Leiponen, Aris Sotiropoulos, Simon Wong)</i> <i>Quantum 2nd floor</i>	
19:00	Dinner <i>Restaurant Bamboo</i> <i>Hotel Ling Bao</i>	
20:00		
21:00		
22:00		

**Parallel Sessions**  
**Tuesday, 30 October 2018**

Dissemination (Session Chair: Marjolein Oorsprong) <i>Quantum 2nd floor</i>			Operational Services 1 (Session Chairs: Fabio Affinito, Filip Stanek) <i>Quantum 2nd floor</i>		
Time	Topic	Presenter	Time	Topic	Presenter
14:30	Introduction	Marjolein Oorsprong	14:30	PRACE	Fabio Affinito - Filip Stanek
14:35	NOMAD CoE	Rubén Jesús García-Hernández			
14:40	VECMA	Derek Groen			
14:45	POP CoE	Brian Wylie	14:45	DECI	Chris Johnson
14:50	DEEP-EST	Marlene Bamberg			
14:55	CompBioMed	Emily Lumley	14:55	HiDALGO	Michael Gienger
15:00	NLAFET	Bo Kågström			
15:05	ICEOTOPE	Peter Hopton	15:05	CompBioMed	Gavin Pringle
15:10	ExaNoDe	Denis Dutoit			
15:15	FocusCoE	Lena Bühler	15:15	MaX	Daniel Wortmann
15:20	PRACE-5IP & EXDCI-2	Marjolein Oorsprong			
15:25	Discussion & exchange		15:25	ESIWACE	Kim Serradell
			15:35	ECOSCALE	Yannis Papaefstathiou
			15:45	Conclusions	Fabio Afinito
15:55	Conclusions	Marjolein Oorsprong			

Training 1 (Session Chairs: Tiina Leiponen, Aris Sotiropoulos, Simon Wong)			New Technologies (Session Chair: Volker Weinberg)		
Time	Topic	Presenter	Time	Title	Presenter
16:30	Welcome - PRACE	Tiina Leiponen, Simon Wong, Aris Sotiropoulos	16:30	The Research & Innovation pillar of the EuroHPC strategy	Evangelos Floros
16:40	Round table introductions and short presentations of participants		16:40	New technologies in PRACE	Volker Weinberg
			16:45	Extended Best Practice Guide for Prototypes or Demonstrators	Hayk Shoukourian
			16:50	Market watch: assessment of technology trends and innovations	Mirko Cestari
			16:55	New technologies in the DEEP-EST project	Norbert Eicker
			17:05	New technologies - an industrial view	Etienne Walter
			17:10	Consolidating the European Exascale Effort	Marcin Ostasz
			17:15	ExaNoDe integration technologies for heterogeneous compute in HPC	Denis Dutoit
			17:20	HLRS and the Excellerat project (a CoEx)	Andreas Ruopp
			17:25	SURF Open Innovation Lab	Peter Michielse
17:30			General discussion: Training needs, collaboration workshops and other tools, training marketing		17:30
	17:35	FPGAs in HPC systems, a reality			Yannis Papaefstathiou
	17:40	Into the Deep ...			Herbert Cornelius
	17:45	High density, modular, liquid cooled, hardware technologies from EuroEXA			Peter Hopton
	17:50	Discussions			
17:55	Conclusions		17:55		

## Parallel Sessions

Wednesday, 31 October 2018

Links with Industry (Session Chairs: Paul Graham, Alan Simpson) <i>Quantum 2nd floor</i>			Operational Services 2 (Session Chairs: Fabio Affinito, Filip Stanek) <i>Quantum 2nd floor</i>		
Time	Topic	Presenter	Time	Topic	Presenter
09:00	PRACE and Industry	Paul Graham	09:00	Open discussion	
09:05	Real Industrial HPC applications	Yannis Papaefstathiou			
09:10	NOMAD	Rubén Jesús García-Hernández			
09:15	CompBioMed	Emily Lumley			
09:20	DEEP-EST	Adrian Jackson			
09:25	Linking CoEs with industry	Jean François Lavignon/Maike Gilliot			
09:30	The CERFACS model, and industry participation in the FET-HPC Project NLAFFET	Iain Duff			
09:35	Update on HLRS	Andreas Ruopp			
09:40	POP	Judit Giminez/Brian Wylie			
09:45	Effective industrial partnerships - an E-CAM perspective	Alan O'Cais			
09:50	Are the industries interested in HPC? The experience of ANTAREX HPC-FET project and MaX CoE	Carlo Cavazzoni			
10:00	Discussion on improving links with industry				
10:20	Conclusions				

Training 2 (Session Chairs: Tiina Leiponen, Aris Sotiropoulos, Simon Wong) <i>Quantum 2nd floor</i>			Application Enabling at Exascale (Session Chair: Walter Lioen) <i>Quantum 2nd floor</i>		
Time	Topic	Presenter	Time	Topic	Presenter
11:30	Outcomes and feedback from previous training session: Common needs and interests	Tiina Leiponen	11:30	Exploiting Application Dynamism for Exascale Energy Efficiency	Venkatesh Kannan
11:45	General Discussion: Next steps in collaboration development		11:38	Preparatory Access in PRACE	Sebastian Lührs
		11:45	Bringing Multiscale Applications to the Exascale using Verification, Validation and Uncertainty Quantification	Derek Groen	
		11:52	SeisSol and ExaHyPE – high-order solvers and simulation software for hyperbolic problems	Michael Bader	
		11:59	Novel Materials Discovery: NOMAD	Rubén Jesús García-Hernández	
		12:06	Brief overview of the EoCoE application enabling strategy	Paul Gibbon	
		12:13	Large-scale application execution performance audits	Brian Wylie	
		12:20	Exascale high-throughput and scale-out applications, challenges and possible solutions from ANTAREX FET project and MaX CoE	Carlo Cavazzoni	
		12:30	Discussions		
12:55	Conclusions		12:55	Conclusions	