European HPC Summit Week 2018 Programme

from 28 May to 1 June 2018

www.exdci.eu
#EHPCSW

University of Ljubljana
Pravna fakulteta/Faculty of Law
Poljanska 2
1000 LJUBLJANA, Slovenia

Monday 28

8:00 / 8:30	Registration
9:00 – 18:30	EXDCI Workshop
13:00 – 13:30	Lunch break
16:30 – 17:00	Coffee break
21:00	End of day

Tuesday 29

	Red	Gold	Violet	Sem. 1	Sem.2	Sem. 3	Sem. 5
8:00 / 8:30	Registration						
9:00 – 10:00	**Opening of EHPCSW & Opening of PRACEdays18,** S. Bogaerts, Chair of the EHPCSW 2018 OPC A. Osseyran, PRACE Council Chair and CEO of SURFsara, Netherlands M. Makovec Brenčič, Ministry of Education, Science and Sport I. Papič, Rector of the University of Ljubljana **The upcoming Call for proposals of Connecting Europe Facility (CEF) Telecom 2018**, L. Flores Añover, European Commission						
10:30	Coffee break						
11:00 – 12:30	**Binary neutron stars**, L. Rezzolla, Institute of Theoretical Physics, Frankfurt **Cloud HPC and Containers Supporting Science and Engineering**, W. Gentzsch, UberCloud **Building a world-class supercomputers infrastructure**, J.P. Panziera, Chair of ETP4HPC **Presentation of the PRACE Scientific Case**, E.Lindahl, PRACE Scientific Steering Committee						
13:00 – 13:30	Lunch break						
14:30 – 16:30	EXDCI Workshop	PRACEdays18 Industrial parallel track	PRACEdays18 Scientific parallel track **CFD & Engineering**	PRACEdays18 Scientific parallel track **Materials & Chemistry** **Life Sciences & Chemistry**	PRACEdays18 Scientific parallel track **Plasma & Energy**	NEXTGenIO, SAGE Working towards Exascale IO	ALLScale, ANTAREX, READEX, and ExCAPE projects High-Performance Computing Approaches for Monitoring, Exploring, Optimizing and Autotuning (HPCAFE)
16:30 – 17:00	Coffee break						
17:00 – 18:00	EXDCI Workshop	PRACEdays18 Industrial parallel track			PRACEdays18 Scientific parallel track **Astro & Particle**	NEXTGenIO, SAGE Working towards Exascale IO	ALLScale, ANTAREX, READEX, and ExCAPE projects High-Performance Computing Approaches for Monitoring, Exploring, Optimizing and Autotuning (HPCAFE)
18:00 – 18:30		**HPC as a key enabler for digital R&D**, H. Weiss, BASF					
19:00 – 19:30		**Large Scale Multiphysics and Multiscale Simulations Based on Meshless Methods,** B. Sārler, Laboratory for Fluid Dynamics and Thermodynamics (University of Ljubjana) and Laboratory for Simulation of Materials and Processes (Institute of Metals and Technology)					
20:00 – 20:30		Welcome Reception & PRACEdays18 Poster Session					
21:00		End of day					

Wednesday 30

	Red	Violet	Sem. 3	Sem. 4
8:00 / 8:30	Registration			
9:00 – 10:00	**Building a world-class national high performance e-infrastructure for Australian research and innovation (Services and Technologies), NCI, Australia,** A. Williams, Associate Director **The European HPC Strategy and the EuroHPC Joint Undertaking,** T. Skordas, European Commission **Memory Driven Computing**, F. J. Pfreund, ITWM			
10:30	Coffee break			
11:00 – 12:30	**PRACE User Forum Open Session** **PRACE Peer Review Process,** M.G. Giuffredda, ETH Zurich/CSCS **Brief 2-min historical context of the work of the AC and the RAS Meeting,** E. Lindahl, PRACE Scientific Steering Committee **PRACE Peer Review Process: How to prepare a good proposal,** L.Rezzolla, Director at the Institute for Theoretical Physics (ITP) and L. Marsella, CSCS **Open discussion and questions from the audience**			
13:00 – 13:30	Lunch break			
14:30 – 16:30	ETP4HPC Workshop on energy efficiency in HPC	HPE Memory-centric architectures for exascale	EaPConnect Deep learning and Medical Data Mining	EUDAT Coupling HPC & data services together
16:30 – 17:00	Coffee break			
17:00 – 17:30	EHPCSW Group Photo			
17:30 – 18:00	Conference Dinner and visit to Postojna Cave Buses to Dinner & Cave			
19:00 – 19:30	Visit to Cave (18.30 - 20.30h)			
20:00 – 20:30	EHPCSW Dinner (20.30h - 22h)			
21:00 – 22:30	Buses back to venue or nearby hotels			

Thursday 31

	Red	Violet	Sem. 1	Sem. 3	Sem. 5
8:00 / 8:30	Registration				
9:00 – 10:00	**HPC as an opportunity for innovative SMEs,** T. Ilijas, ARCTUR, Slovenia **Phoretic active matter and micromachines,** M. Ripoll, Head of Young Investigators Group, Forschungszentrum Jülich GmbH, Germany				
10:30	Coffee break				
11:00 – 12:30	**Panel Discussion** "CoEs and HLSTs, what problems can they solve for me?" **Outcome of the PRACE-EUDAT Seminar** **PRACEdays18 Award Session** **Closing & Announcement of PRACEdays19**				
13:00 – 13:30	Lunch break				
14:30 – 16:30		EuroEXA, ExaNeSt, ExaNoDe, EcoScale	Euro Lab4HPC	EaPConnect Containers in HPC	ComPat Computing Patterns for High Performance Multiscale Computing
16:30 – 17:00	Coffee break				
17:00 – 19:00	End of day				

Friday 1

8:00 / 8:30	Registration
9:00 – 11:00	Private Project meetings
11:00	Coffee break
11:30 – 16:30	Private Project meetings
17:00 – 18:00	Private Project meetings
19:00	End of day