

European HPC Summit Week 2017 Programme

from 15 to 19 May 2017

www.exdci.eu

#EHPCSW

Vertex Building · Plaça Eusebi Güell
BARCELONA, Spain

Monday 15		Tuesday 16					Wednesday 17			Thursday 18		Friday 19							
8:00		Registration					Registration			Registration		Registration			8:00				
8:30															8:30				
Room:	Hall Auditori	Auditori					Auditori		Torre Girona: Sala Severo Ochoa	Auditori		VS217	VS228	Torre Girona: Sala Severo Ochoa	Room:				
9:00	Registration	Opening of EHPCSW: Sergi Girona, EXDCI Co-ordinator & Opening of PRACEdays17: Erik Lindahl, Chair of the SSC Welcome: Anwar Osseyran, PRACE Council Chair and CEO of SURFsara, Netherlands Josep Maria Martorell, BSC Associate Director & Francesc Subirada, Director General for Research of the Government of Catalonia Keynote: Khalil Rouhana, Deputy Director-General, DG Connect, European Commission, The European HPC Strategy – The European Data Infrastructure (EDI)							cPPP Meeting	Opening & Welcome, Serge Bogaerts, Chair of the PRACEdays17 OPC; Keynote Industrial: Henri Calandra, TOTAL. Challenges of increased HPC complexity and value delivery for the O&G industry		HPCAFE-2017: High-Performance Computing Approaches for Monitoring, Exploring, Optimizing and Autotuning	NextGenIO /SAGE workshop: Working towards Exascale IO	Closed ETP4HPC SRA Worksho	9:00				
9:30												Coffee break	Coffee break	Closed ETP4HPC Steering Board Meeting	9:30				
10:00															10:00				
10:30		Coffee break													10:30				
11:00		Keynote: Minna Palmroth, University of Helsinki, Finland: Vlasiator: Understanding Near-Earth Space in Six Dimensions. Keynote: Telli van der Lei, DSM Chem Tech R&D BV: Quantitative Supply Chain Optimiza-tion Using Big-Data Methodologies in The Chemical Industry. Presentation of the Call for proposals of Connecting Europe Facility (CEF) Telecom 2017: Leonardo Flores Añover, Project Officer, European Commission. Presentation: Jean-Pierre Panziera, ETP4HPC, Developing European Technology to Serve the HPC Ecosystem					MoU PRACE-RIST-XSEDE Keynote: Xue-Feng Yuan, School of Engineering Science for Intelligent Manufacturing, Guangzhou University, People's Republic of China Innovation of Intelligent Manufacturing Driven by Cloud HPC. Keynote: Nuria Lopez, Institute of Chemical research of Catalonia, ICIQ. Modeling of Catalysts With Industrial Applications.			PANEL DISCUSSION – Support to HPC code: The Gap Between Scientific Code Development and Exascale Technology. PRACEdays 17 Award Session Closing & Announcement of PRACEdays18		HPCAFE-2017: High-Performance Computing Approaches for Monitoring, Exploring, Optimizing and Autotuning	NextGenIO /SAGE workshop: Working towards Exascale IO		11:00				
11:30															11:30				
12:00															12:00				
12:30							EHPCSW Group Photo								12:30				
13:00															13:00				
13:30		Lunch break					Lunch break			Lunch break		Lunch break			13:30				
14:00															14:00				
Room:	Auditori	VS208	VS217	VS218	Sala d’Actes	VS216	VS208	Sala d’Actes	VS217	Sala d’Actes	Auditori	VS217	VS208		Room:				
14:30	EXDCI Workshop	PRACEdays Scientific Parallel Track Materials Science	PRACEdays Industrial Parallel Track Spanish Industry	CompBioMed: HPC-based computational biomedicine	HPC for renewable energies: new programming models andstrategies for the emerging exascale architectures (EoCoE)	ENES/ ESIWACE HPC workshop	PRACEdays Scientific Parallel Track Energy & Particle Physics	Mathematics for Exascale and Digital Science	EuroLab-4-HPC: The Future of High - Performance Computing	EUDAT workshop: Coupling HPC and Data Resources and services together	ETP4HPC: Round-table: Exploiting the Potential of European HPC Stakehol-ders in Extreme-Scale Demonstrators	HPCAFE-2017: High-Performance Computing Approaches for Monitoring, Exploring, Optimizing and Autotuning	POP User Forum: Help us, help you! - Help us improve the POP Service so that we can help you improve your HPC Applications		14:30				
15:00		PRACEdays Scientific Parallel Track Life Science	PRACEdays Industrial Parallel Track Industry & Engineering				PRACEdays Scientific Parallel Track Astrophysics								15:00				
15:30															15:30				
16:00															16:00				
16:30	Coffee break		Coffee break				Coffee break			Coffee break		Coffee break			16:30				
17:00	EXDCI Workshop	PRACEdays Scientific Parallel Track Fluid Dynamics	PRACEdays Industrial Parallel Track European Industry	CompBioMed: HPC-based computational biomedicine	HPC for renewable energies: new programming models and strategies for the emerging exascale architectures (EoCoE)	ENES/ ESIWACE HPC workshop	PRACEdays Scientific Parallel Track Climate & Environment	Mathematics for Exascale and Digital Science	EuroLab-4-HPC: The Future of High - Performance Computing	EUDAT workshop: Coupling HPCand Data Resources and services together	ETP4HPC: Round-table: Exploiting thePotential of European HPC Stakeholders in Extreme-Scale Demonstrators	HPCAFE-2017: High- Performance Computing Approaches for Monitoring, Exploring, Optimizing and Autotuning	POP User Forum: Help us, help you! - Help us improve the POP Service so that we can help you improve your HPC Applications		17:00				
17:30															17:30				
18:00															18:00				
18:30															18:30				
Room:	Hall Auditori					Auditori					End of day		End of day		Room:				
19:00		Future GEANT network plans in Europe (Mark Johnston, GÉANT) 6 poster presentations shortlisted for PRACE Best Poster Award					PRACE User Forum Open Session PRACE aisbl How to recruit and retain women in the PRACE HPC community Open Discussion									19:00			
19:30																19:30			
Room:		Hall Auditori					Venue Fàbrica Moritz									Room:			
20:00																20:00			
20:30		Welcome Reception & PRACEdays17 Poster Session					Buses to Diner (19.30 - 20.30h)									20:30			
21:00																21:00			
21:30		End of day					EHPCSW Dinner (20.30h - 22h)									21:30			
22:00																22:00			
22:30							Buses back to venue or nearby hotels									22:30			