



EuroHPC
Joint Undertaking

EuroHPC Summit Week

From 13 to 17 May 2019 | Poznań, Poland **#EHPCSW**

ORGANISED BY:



HOSTED BY:



Floorplan

IBB Andersia Hotel
Plac Andersa 3, 61-894 Poznań



All activities on the **First Floor**



Legend

- | | |
|---|---|
|  Foyer: Coffee / Lunch |  Room D: Staff |
|  Rooms H & G: Plenary Sessions |  Elevators |
|  Rooms A, B, C, E & F: Seminar Rooms |  Rest Rooms |
|  Media Room |  Terrace |

SCHEDULE – MONDAY 13 MAY 2019

8:00	REGISTRATION DESK (GROUND FLOOR)		
8:30	REGISTRATION DESK (GROUND FLOOR)		
	ROOM B		
9:00	PRACE Scientific Steering Committee (SSC) INVITATION ONLY		
9:30	PRACE Scientific Steering Committee (SSC) INVITATION ONLY		
10:00	PRACE Scientific Steering Committee (SSC) INVITATION ONLY		
10:30	COFFEE BREAK		
	ROOM B		
11:00	PRACE Scientific Steering Committee (SSC) INVITATION ONLY		
11:30	PRACE Scientific Steering Committee (SSC) INVITATION ONLY		
12:00	PRACE Scientific Steering Committee (SSC) INVITATION ONLY		
12:30	PRACE Scientific Steering Committee (SSC) INVITATION ONLY		
13:00	LUNCH		
	ROOM B	ROOM E	
14:30	PRACE Scientific Steering Committee (SSC) INVITATION ONLY	EuroHPC Research and Innovation Advisory Group (RIAG) INVITATION ONLY	
15:00	Joint Meeting of the EuroHPC INFRAG Group + PRACE SSC INVITATION ONLY		
15:30			
16:00			
16:30	COFFEE BREAK		
	ROOM A	ROOM B	ROOM E
17:00	FocusCoE General Assembly INVITATION ONLY	EuroHPC Infrastructures Advisory Group (INFRAG) Group INVITATION ONLY	EuroHPC Research and Innovation Advisory Group (RIAG) INVITATION ONLY
17:30			
18:00			
18:30			

SCHEDULE – TUESDAY 14 MAY 2019

8:00	REGISTRATION DESK (GROUND FLOOR)				
8:30	ROOM H & G				
8:30	Opening & Welcome				
9:30	EuroHPC: Thomas Skordas, DG Connect, European Commission				
10:00	GÉANT: Erik Huizer, CEO				
	Group Photo				
10:30	COFFEE BREAK				
	ROOM H & G				
11:00	Scientific Keynote: Marina Becoulet, CEA				
12:00	Industrial Keynote: Julien Harou, Manchester University				
12:30	Presentation of the Scientific Case for Computing in Europe 2018-2026, Núria López, Sinéad Ryan				
13:00	LUNCH				
	ROOM A	ROOM B	ROOM E	ROOM F	ROOM H & G
			PRACEdays Scientific Track 1: Physics	PRACEdays Scientific Track 2: Life	
14:30	Equality and Diversity in HPC	HPC Ecosystem Summit	Anders Kvellestad Imperial College London <i>Investigating Supersymmetry with GAMBIT</i>	Pablo D. Dans Puiggròs IRB Barcelona, Spain. <i>DNA Structure and Dynamics: Two Successful Stories using HPC</i>	EuroHPC BoF The EuroHPC Infrastructure and Research & Innovation Pillars
15:00			Pat Scott Imperial College London <i>Status of non-supersymmetric dark matter theories with GAMBIT</i>	Terpsichori Alexiou University of Patras & FORTH/ICEHT <i>Conformational and transport properties of small circular DNA molecules in dilute solution: A detailed molecular dynamics simulation study</i>	
15:30			Colin McNally Queen Mary University of London <i>Revealing the complex flows around young planets</i>	Armen Poghosyan The International Scientific-Educational Center of NAS RA. <i>Molecular dynamics simulation of complex systems</i>	
16:00			Michele Bianco University of Sussex <i>Multi-scale Reionization</i>	Giovanni La Penna National Research Council of Italy <i>Chemical properties emerging from structural disorder</i>	
16:30	COFFEE BREAK				
	ROOM A	ROOM E	ROOM F	ROOM H & G	
		PRACEdays Scientific Track 3: Earth/Environment	PRACEdays Scientific Track 4: Materials & Chemistry		
17:00	Equality and Diversity in HPC	Miguel Castrillo Barcelona Supercomputing Center <i>Making global coupled 15km climate simulations possible</i>	Maddalena D'Amore University of Turin <i>Modelling mechanism of reactions and active sites in heterogeneous catalysis, looking for reactivity indicators in supported ziegler-natta nano-systems</i>	EuroHPC BoF The EuroHPC Infrastructure and Research & Innovation Pillars	
17:30		Bobby Minola Ginting Technical University of Munich <i>Towards HPC-based shallow flow simulations for micro & macro scales</i>	Massimo Delle Piane University of Bremen, Germany <i>Silica for drug-delivery: When simulation can complement experiment</i>		
18:00		Raul Palma Poznań Supercomputing and Networking Center <i>Supporting the research lifecycle of GEO-Geohazard Supersites and Natural Laboratories initiative through HPC and research objects</i>	Dimitrios Tsalikis University of Patras <i>Shear rheology of polymer melts and nanocomposites via nonequilibrium molecular dynamics simulations</i>	How to Pitch your Poster	
18:30		Alexandra Tsekeri National Observatory of Athens <i>Monitoring dust orientation</i>	Flavio Siro Brigiano University of Evry Val D'Essonne, University of Paris Saclay <i>The peptide bond condensation reaction at the air/water interface catalyzed by the "salt of the life"</i>		
19:00	EuroHPC Summit Week Networking Reception & PRACEdays Poster Session				
22:00					

SCHEDULE – WEDNESDAY 15 MAY 2019

8:00	REGISTRATION DESK (GROUND FLOOR)				
8:30	REGISTRATION DESK (GROUND FLOOR)				
	ROOM H & G				
8:30	BDEC Open Plenary				
9:00	BDEC Open Plenary				
9:30	BDEC Open Plenary				
10:00	BDEC Open Plenary				
10:30	COFFEE BREAK				
	ROOM H & G				
11:00	Debora Sijacki: Winner of the PRACE Ada Lovelace Award for HPC 2019				
11:30	PRACE User Forum Open Session				
12:00	PRACE User Forum Open Session				
12:30	PRACE User Forum Open Session				
13:00	LUNCH				
	ROOM B	ROOM C	ROOM E	ROOM F	ROOM H & G
	PRACEdays Scientific Track 5: Physics		PRACEdays Industrial Track	PRACEdays Scientific Track 6: Life	
14:30	Joachim Stadel University of Zurich, Switzerland <i>A Virtual Universe for the ESA Euclid Satellite: the Flagship v2.0 Simulation</i>	Centres of Competence INVITATION ONLY	Chris Johnson University of Edinburgh <i>SHAPE – Helping SMEs onto the HPC ladder</i>	Piotr Bała University of Warsaw <i>Massively parallel sequence alignment using PCJ-BLAST</i>	EuroHPC Co-Design Workshop <i>Co-designing applications with the European Processor Initiative</i>
15:00	Gabriel Wlazlowski Warsaw University of Technology <i>Searching for new superfluid effects by means of numerical experiments</i>		Monica de Mier Barcelona Supercomputing Center <i>Helping SMEs via SHAPE projects</i>	Gianfranco Bocchinfuso Tor Vergata University of Rome <i>Molecular Dynamics investigation on the regulatory mechanism of the SHP-2 protein</i>	
15:30	Marco Garten Helmholtz-Zentrum Dresden - Rossendorf <i>Radiation imprint of ultra-intense laser heating of solids</i>		Daniele Rispoli <i>Submer Immersion Cooling, High Performance Cooling for HPC</i>	Zoe Cournia Biomedical Research Foundation, Academy of Athens <i>Computer-aided drug design for oncogenic mutant proteins using HPC resources</i>	
16:00	Troels Haugbølle University of Copenhagen <i>The Stellar Initial Mass Function from Isothermal MHD Turbulence</i>		Brendan McGinty University of Illinois at Urbana-Champaign <i>Recent Industrial Applications in HPC</i>	Kristyna Pluhackova ETH Zürich <i>Mechanistic effects of lipids and protein post-translation modifications on signaling over human cell membranes</i>	
16:30	COFFEE BREAK				
	ROOM B	ROOM C	ROOM E	ROOM F	ROOM H & G
	PRACEdays Scientific Track 7: Physics		PRACEdays Industrial Track	PRACEdays Scientific Track 8: Computation Science/Towards Exascale	
17:00	Shimpei Futatani Polytechnic University of Catalonia <i>Advanced non-linear MHD simulations for fusion research</i>	Centres of Competence INVITATION ONLY	Teresa Parra University of Valladolid <i>Performance of low emissions swirling flames. Influence of diffusers</i>	Peter Coveney University College London <i>Verified Exascale Computing for Multiscale Applications (VECMA)</i>	EuroHPC Co-Design Workshop <i>Co-designing applications with the European Processor Initiative</i>
17:30	Paul Bartholomew Imperial College London <i>XCompact3d: a powerful framework to study turbulent flows with turbulence-resolving simulations</i>		Oriol Lehmkuhl Barcelona Supercomputing Center <i>High fidelity simulation of vortex induced vibrations for flow control and energy harvesting</i>	Ezhilmathi Krishnasamy KTH <i>FEniCS-HPC mesh adaptivity on the heterogeneous architecture</i>	
18:00	Michele Buzzicotti University of Rome Tor Vergata <i>Energy cascade in rotating turbulent flows</i>		Arnaud Grébert ISAE-SUPAERO, University of Toulouse <i>Control of shock wave/boundary layer interaction by means of micro vortex generators</i>	Jose Hugo Garcia Aguilar Catalan Institute Of Nanoscience and Nanotechnology <i>Multi-scale Quantum Transport Simulations in thousands of cores</i>	
18:30	Guilhem Dif-Pradalier CEA <i>Breaking new ground in magnetic fusion: stepping GYSELA towards exascale computing</i>		Mathis Bode RWTH Aachen University <i>Towards clean propulsion with synthetic fuels: Hierarchical, cluster-modularized simulations with node-level optimization and deep learning</i>	Tom Vander Aa IMEC <i>Exascale Matrix Factorization: Using Supercomputers and Machine Learning for Drug Discovery</i>	
19:00	EuroHPC Summit Week Conference Dinner				
22:00	EuroHPC Summit Week Conference Dinner				

SCHEDULE – THURSDAY 16 MAY 2019

8:00	REGISTRATION DESK (GROUND FLOOR)					
8:30	ROOM H & G					
8:30	Opening & Housekeeping					
9:00	Scientific Keynote: Vadim Monteiller, CNRS					
9:30	Industrial Keynote: Ange Caruso, EDF					
10:00						
10:30	COFFEE					
	ROOM H & G					
11:00	PRACEdays Panel Discussion					
11:30	<i>The future of scientific and industrial computing in Europe</i>					
12:00						
12:30	PRACEdays Award Ceremony					
13:00	LUNCH					
	ROOM A	ROOM B	ROOM C	ROOM H & G		
14:30	PRACE Strategy Working Group (SWG) <i>INVITATION ONLY</i>	1st European Communities Workshop on Exascale Computing Focus on High Performance Data Analytics	User Forum Programme Committee <i>INVITATION ONLY</i>	HPC Ecosystem Workshop Plenary		
15:00						
15:30						
16:00						
16:30	COFFEE					
	ROOM A	ROOM B	ROOM C	ROOM E	ROOM F	ROOM H & G
17:00	PRACE Strategy Working Group (SWG) <i>INVITATION ONLY</i>	1st European Communities Workshop on Exascale Computing Focus on High Performance Data Analytics	User Forum Programme Committee <i>INVITATION ONLY</i>	HPC Ecosystem Workshop		
17:30				Application Enabling at Exascale	What to expect from upstream technologies	Operational Services
18:00						
18:30						

SCHEDULE – FRIDAY 17 MAY 2019

8:00	REGISTRATION DESK (GROUND FLOOR)					
8:30	ROOM C					
8:30	Preparation of the SRA					
9:00	<i>INVITATION ONLY</i>					
9:30						
10:00						
10:30	COFFEE					
	ROOM C					
11:00	Preparation of the SRA					
11:30	<i>INVITATION ONLY</i>					
12:00						
12:30						
13:00	LUNCH					
	CASINO ROOM					
14:30	FocusCoE General Assembly					
15:00	<i>INVITATION ONLY</i>					
15:30						
16:00						
16:30	COFFEE					

EuroHPC Summit Week

EuroHPC Summit Week Networking Reception & PRACEdays Poster Session

14 May 2019, 19:00 - 22:00
at the Foyer & Terrace in IBB Andersia Hotel

EuroHPC Summit Week Conference Dinner

15 May 2019, 19:00 - 22:00
at Młyńska 12 ul. Młyńska 12
61-730 Poznań | www.mlynska12.pl



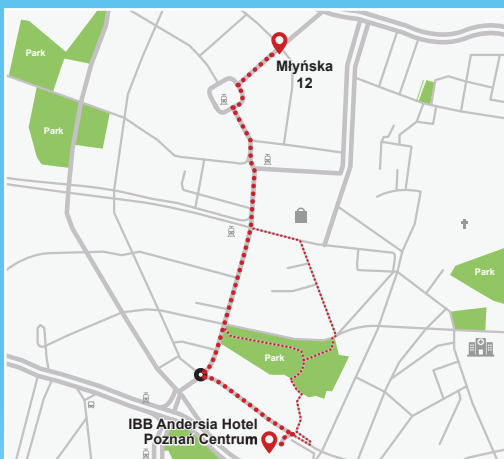
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WiFi Code at the Andersia Hotel
SSID: EHPCSW2019
Password: EHPCSW2019PSNC
eduroam available

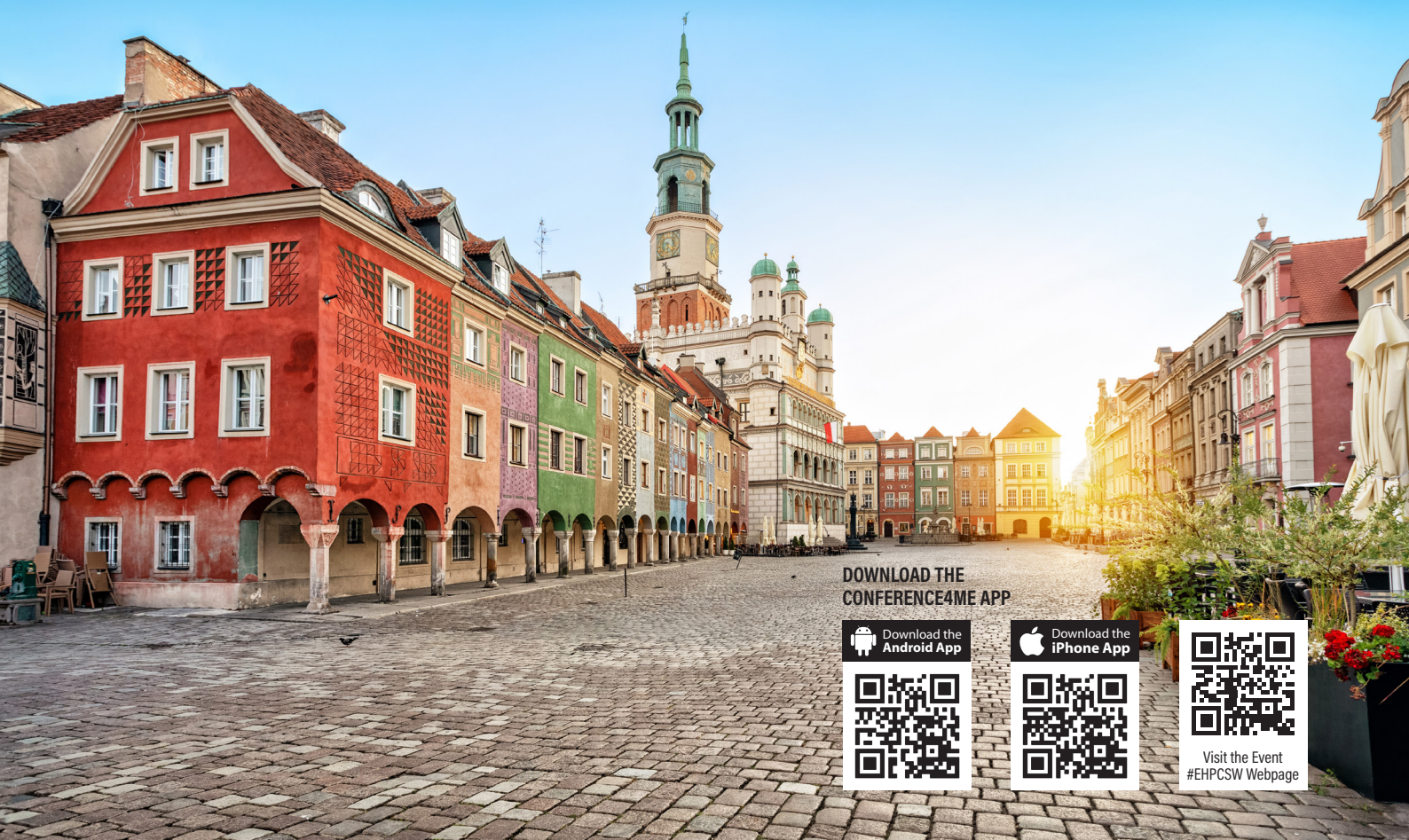
WiFi Code at PSNC for guests
SSID: konferencja
Password: af@7E#23
eduroam available

Hands-on Workshops at PSNC
Poznań Supercomputing
and Networking Center
Jana Pawła II 10, 61-139
Poznań, Poland

Shuttle service from IBB Andersia Hotel to PSNC will be provided after lunch. Further information about the hands-on workshops for students and scientists can be found in a separate programme.



Shuttle service will be provided from the IBB Andersia Hotel to the restaurant and back.



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