Day 1 – Tuesday 30 September

Time	Session	Speakers	Room		
	Moderation by Josephine WOOD, Head of Unit Strategy and Governance, EuroHPC Joint Undertaking				
	Opening Plenary	 Anders JENSEN, Executive Director, EuroHPC Joint Undertaking Annemarie FALKTOFT, Danish Agency for Higher Education and Science, Deputy Director-General Gitte Julin KUDSK, Director, Danish e-Infrastructure Consortium (DeiC) Chris RICHARDSON, Chair, User Forum Coordination Group Luigi DEL DEBBIO, Chair, EuroHPC Access Resource Committee 	Queen's Hall (Black Diamond)		
	EuroHPC JU & Infrastructure Update	Evangelos FLOROS, Head of Unit Infrastructure, EuroHPC JU			
10:00- 11:00	Coffee Break & Networking				
	Moderation by Pauline GOUNAUD,	Head of Communication Sector, EuroHPC Joint Undertaking			
	Access Modes	Klara MEŠTROVIĆ, Head of Sector Peer Review, EuroHPC Joint Undertaking	Queen's Hall (Black Diamond)		
11:00– 12:30	Accessing EuroHPC Systems: Do's & Don'ts	Luigi DEL DEBBIO, Chair, EuroHPC Access Resource Committee			
	Accessing EuroHPC Support Services	Laura MORSELLI, MINERVA project Guy LONSDALE, FFplus project Natalie LEWANDOWSKI, CASTIEL project Janne IGNATIUS, EPICURE project			
12:30– 14:00	Lunch Break: Meet & Greet with EuroHPC supercomputers and Al Factories				
		Parallel Sessions on Use Cases			
	Chemical Sciences	Moderation by Daniel OPALKA , Head of Unit Research and Innovation, EuroHPC Joint Undertaking	DAC (Danish Architecture Centre)		
14:00– 15:30		Massimo BOCUS: Pushing the limits of computational chemistry: the phase diagram of water			
		Javier ORTIN: CoSSPIA – Computational Screening of Sustainable Polymers for Industrial Applications			
		Nuria LOPEZ: Atomistic modelling of cathode during electrochemical CO2 reduction: Material dynamics and interfaces			
	High Energy Physics	Moderation by Maria GIRONE , Head of CERN Openlab & Vice-Chair User Forum	Blixen Room (Black Diamond)		

		Frederic BONNET: Benchmarking lattice quantum field theory codes across EuroHPC platforms for physics beyond the standard model on physical systems	
		Xander De WIT: Multi-GPU porting of a phase-change cascaded lattice Boltzmann method for three-dimensional pool boiling simulations	
		Szabolcs BORSANYI: The QCD crossover line in a finite volume	
		Giannis KOUTSOU: Large-scale simulations of lattice QCD for nucleon structure using N_f=2+1+1 flavors of twisted mass fermions	
		Paolo VALVO: Hierarchical Dynamic Load Balancing Strategy for a p-adaptive Discontinuous Galerkin Compressible LES Solver	
		Moderation by Kaare MIKKELSEN , Associate Professor Dep. of Electrical and Computer Engineering, Biomedical Engineering University of Aarhus	
	Engineering	Chris RICHARDSON: An efficient multigrid solver for finite element methods on multi-GPU systems	
		Allan BEURVILLE: Sonic Fan Large Eddy Simulation	Queen's Hall
		Arivazhagan G. BALASUBRAMANIA: Elasto-Inertial Turbulence in Complex Fluids (EITCF)	(Black Diamond)
		Yu-Hsiang TSAI: Enabling Ginkgo as numerics backend in nekRS employing a loosely-coupled configuration file concept	
		Andrea MONTESSORI: accLB: A High-Performance Lattice Boltzmann Code for Multiphase Turbulence on Multi-Gpu Architectures	
15:30– 16:30		Coffee Break & Networking	
16:30-		Queen's Hall	
18:00	Moderation by Rafa	(Black Diamond)	
18:00- 20:00	Welcome reception & Networking		

Day 2 – Wednesday 1 October

Time	Session	Speakers	Room
09:00– 10:30	Moderation by Chris RICHARDSON , Chair, User Forum		
		Introduction	Queen's Hall (Black Diamond)
	User Forum	Panel discussion on Governance, moderated by Sinead RYAN	
		Panel discussion on Users, moderated by Thomas GEENEN	
10:30– 11:30		Coffee Break & Networking	
		Parallel Sessions on Use Cases	
	Earth System Sciences	Moderation by Catarina GUERREIRO , Project Officer Infrastructure, EuroHPC Joint Undertaking	DAC (Danish Architecture Centre)
		Miguel DE LE COURT: Multiscale ocean modelling: bridging the gap between global changes and local impacts	
		Tommaso BENACCHIO: Improving the scalability of a high-order atmospheric dynamics solver based on the deal.II library	
		Thomas GEENEN: AIFS-ensemble	
		Henrik Andersen SVEINSSON: CO2Basalt	
	Life Sciences, Physiology and Medicine	Moderation by Martijn OLDENHOF , Project Officer Research and Innovation, EuroHPC Joint Undertaking	Blixen Room (Black Diamond)
		Fabio MINAZZI : Voice for Purpose 2: Enabling expressive conversations with patients with permanent voice loss and movement paralysis	
		Pablo NAVARRO: ModTox Platform	
11:30– 13:00		RICARDO NOBRE: Porting Epistasis Detection Methods to EuroHPC Supercomputers	
		Xavier SEVILLANO: Unsupervised artificial intelligence models for Down syndrome neuroimaging research: from automatic brain alteration	
		detection to the generation of synthetic 3D magnetic resonance images	
	Artificial Intelligence for Science	Moderation by Eske CHRISTIANSEN , Head of HPC Department, DeiC	Queen's Hall (Black Diamond)
		Evangelos KAZAKOS: A universal approach for video understanding tasks with language grounding	
		Alexander SHVETS: Towards Linguistic Diversity: Optimizing Data Distribution for Multilingual NLP Inclusivity	
		Panagiotis PAPADIMITROULAS: ΔOSIMETReye: A GenAl-based tool for 3D dosimetry from 2D imaging for preclinical studies	
		Jesus CARRETERO: Dynamic Resources Management for Exascale in ADMIRE Framework	
		Florian BERBERICH: PRACE Scientific and Innovation Case for HPC in Europe	

13:00– 14:00	Lunch Break: Meet & Greet with EuroHPC CoEs, CASTIEL and User Forum Coordination Group						
Parallel Ses	l Sessions on Use Cases						
	Universe Sciences	Moderation by Laura MARTINEZ , Programme Manager Infrastructure, EuroHPC Joint Undertaking	DAC (Danish Architecture Centre)				
		Nitin SHUKLA: Towards Exascale Computing for Astrophysical Simulation Leveraging the Leonardo EuroHPC System					
		Francesco PUCCI: Cosmic ray transport in anisotropic turbulence					
		Minna PALMROTH : ForEshock – Magnetosheath – MAgnetosphere in 6D (FEMMA)					
		Maarit KORPI-LAGG: Dynamos and dynamics in the solar convection zone (DY)^2SOL					
	Material Sciences and Solid-State Physics	Moderation by Lilit AXNER , Programme Manager Infrastructure, EuroHPC Joint Undertaking	Blixen Room (Black Diamond)				
14:00– 15:30		Luis TEIXEIRA: Transforming Computational Power into Environmental Solutions: HPC-driven Research on Urethanase-mediated Plastic Degradation					
		Aloïs CASTELLANO: Vibrational spectroscopy in defected systems					
		Giovanni DI LIBERTO: Coordination Chemistry on Single Atom Alloys					
	Artificial Intelligence Industry applications	Moderation by Dennis LANGE WOLLBRINK , Head of Danish National Competence Center, EuroCC2	Queen's Hall (Black Diamond)				
		Jenny ROMANO : LUCID - AI-Powered Knowledge Graphs for Fact-Based Journalism					
		Derya UYSAL : Enhancing Financial NLP with Supercomputing: Spell Correction and Domain-Specific BERT Pretraining					
		Özay EZERCELI: Tailoring AI for Turkish Law: Domain-Specific Fine-Tuning of Small Language Models for Legal Expertise					
		Ilja RAUSCH: Continued Pre-training of LLMs on Leonardo using EU institutional data					
15:30 – 16:00	Coffee break & networking						
	Final Plenary: What's next for Users?	Moderation by Josephine WOOD , Head of Unit Strategy and Governance, EuroHPC Joint Undertaking	Queen's Hall (Black Diamond)				
16:00– 17:00		Quantum in Action with PIAST-Q and VLQ Krzysztof KUROWSKI (PCSS) & Konrad WOJCIECHOWSKI (PCSS) Branislav JANSIK (IT4Innovation National Supercomputing Center)					
		Award Ceremony: Best User & Best Paper Awards					
		Closing Remarks					