Day 1 – Tuesday 30 September

Time	Session	Speakers	Room		
09:00- 10:00	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				
		Head of Communication Sector, EuroHPC Joint Undertaking			
		Klara MEŠTROVIĆ , Head of Sector Peer Review, EuroHPC Joint Undertaking			
	Accessing EuroHPC Systems: Do's & Don'ts	Luigi DEL DEBBIO, Chair, EuroHPC Access Resource Committee	Queen's Hall (Black Diamond)		
	EuroHPC Support	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 AI Factories				
	1	Parallel Sessions on Use Cases			
	Chemical Sciences	Moderation by Daniel OPALKA , Head of Unit Research and Innovation, EuroHPC Joint Undertaking			
14:00- 15:30		Massimo BOCUS : Pushing the limits of computational chemistry: the phase diagram of water	DAC (Danish Architecture Centre)		
		Javier ORTIN: CoSSPIA – Computational Screening of Sustainable Polymers for Industrial Applications			
	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			

18:00- 20:00	Moderation by Rafal DUZCMAL , Chair, EuroHPC Joint Undertaking Governing Board Welcome reception & Networking		(Black Blamond)	
16:30– 18:00		Queen's Hall (Black Diamond)		
15:30– 16:30	Coffee Break & Networking			
		Yu-Hsiang TSAI: Enabling Ginkgo as numerics backend in nekRS employing a loosely-coupled configuration file concept		
	Engineering	Arivazhagan G. BALASUBRAMANIA: Elasto-Inertial Turbulence in Complex Fluids (EITCF)		
		Allan BEURVILLE: Sonic Fan Large Eddy Simulation	Queen's Hall (Black Diamond)	
		Chris RICHARDSON: An efficient multigrid solver for finite element methods on multi-GPU systems		
		Moderation by Kaare MIKKELSEN , Associate Professor Dep. of Electrical and Computer Engineering, Biomedical Engineering University of Aarhus		
		Paolo VALVO: Hierarchical Dynamic Load Balancing Strategy for a p-adaptive Discontinuous Galerkin Compressible LES Solver		
		Giannis KOUTSOU : Large-scale simulations of lattice QCD for nucleon structure using N_f=2+1+1 flavors of twisted mass fermions		
		Szabolcs BORSANYI: The QCD crossover line in a finite volume		
		Alessandro GABBANA : Multi-GPU porting of a phase-change cascaded lattice Boltzmann method for three-dimensional pool boiling simulations		

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		
arallel Se	ssions on Use Cas	ses		
	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		
	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: <i>DOSIMETReye: A GenAI-based tool for</i> 3D dosimetry from 2D imaging for preclinical studies		
		Jesus CARRETERO: Dynamic Resources Management for Exascale in		
		ADMIRE Framework		
		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 Sessions on Use Cases

14:00- 15:30	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	Moderation by Lilit AXNER , Programme Manager Infrastructure, EuroHPC Joint Undertaking	Blixen Room (Black Diamond)	
		Luis TEIXEIRA: Transforming Computational Power into Environmental Solutions: HPC-driven Research on Urethanase-mediated Plastic Degradation		
		Aloïs CASTELLANO: Vibrational spectroscopy in defected systems		
	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		