June 11					
Start (CEST)	**End (CEST)**	**Speaker**	**Title**	**Type**	
10:00:00	10:20:00	Julian Koellermeier	Projective Integration for Moment Models of the BGK Equation	MMS	
10:20:00	10:40:00	Hannes Vandecasteele	A micro-macro Markov chain Monte Carlo method for molecular dynamics using reaction coordinate proposals	MMS	
10:40:00	11:00:00	Emil Løvbak	Multilevel Monte Carlo with improved correlation for kinetic equations in the diffusive scaling	MMS	
11:00:00	11:20:00	Robert Elsaesser	Modeling and Simulation of the Spread of Messages in Social Networks	MMS	
11:20:00	11:50:00	**COFFEE BREAK**			
11:50:00	12:10:00	Francisco Javier Nieto	Running Coupled Simulations on HPC and Cloud Resources with Enhanced TOSCA Workflows	MMS	
12:10:00	12:30:00	Philipp Neumann	Open Boundary Modeling in Molecular Dynamics with Machine Learning	MMS	
12:30:00	12:50:00	Lourens Veen	Easing multiscale model design and coupling with MUSCLE 3	MMS	
12:50:00	13:10:00	Onnie Luk	Time bridging techniques for multiscale fusion plasma simulations	MMS	
13:10:00	13:30:00	Łukasz Rauch	Development and application of the Statistically Similar Representative Volume Element for numerical modelling of multiphase materials	MMS	
13:30:00	14:30:00	**LUNCH BREAK**			
14:30:00	14:50:00	Anna Nikishova	Inverse Uncertainty Quantification of a cell model using a Gaussian Process metamodel	UNEQUIvOCAL/SIAM	
14:50:00	15:10:00	Petros Koumoutsakos	Uncertainty Quantification for Epidemic Models	UNEQUIvOCAL/SIAM	
15:10:00	15:30:00	Jigar Parekh	Intrusive Polynomial Chaos for CFD using OpenFOAM	UNEQUIvOCAL/SIAM	
15:30:00	15:50:00	Philip Maybank	MCMC for Bayesian uncertainty quantification from time-series data	UNEQUIvOCAL/SIAM	
15:50:00	16:10:00	Evan Baker	Future Proofing a Building Design Using History Matching Inspired Level Set Techniques	UNEQUIvOCAL/SIAM	
16:10:00	16:40:00	**COFFEE BREAK**			
16:40:00	17:00:00	Jan Mielniczuk	Distributions of a general reduced-order dependence measure and conditional independence testing	UNEQUIvOCAL/SIAM	
17:00:00	17:20:00	Wouter Edeling	Deriving reduced subgrid scale models from data	UNEQUIvOCAL/SIAM	
17:20:00	17:40:00	Shunzhou Wan	Verification, Validation & Uncertainty Quantification for Molecular Dynamics Simulation	UNEQUIvOCAL / SIAM	
17:40:00	18:00:00	Arunasalam Rahunanthan	Markov Chain Monte Carlo Methods for Fluid Flow Forecasting in the Subsurface	UNEQUIvOCAL/SIAM	
18:00:00	18:20:00	Laura Lyman	A bluff-and-fix algorithm for polynomial chaos methods	UNEQUIvOCAL/SIAM	
June 12					
Start (CEST)	**End (CEST)**	**Speaker**	**Title**	**Type**	
11:30:00	11:50:00	Hamid Arabnejad	VECMAtk: Towards a Full Release of a Verification & Validation and Uncertainty Quantification toolkit for Multiscale and HPC Simulations	MMS	
11:50:00	12:10:00	Jalal Lakhlili	Uncertainty quantification for multiscale fusion plasma simulations with VECMA toolkit	UNEQUIvOCAL / SIAM	
12:10:00	12:30:00	Diana Suleimenova	Sensitivity-guided simulation development: A case study in forced migration	UNEQUIvOCAL / SIAM	
12:30:00	12:50:00	Dongwei Ye	Semi-intrusive Uncertainty Quantification for Multiscale Simulation	UNEQUIvOCAL / SIAM	
12:50:00	13:10:00	Fredrik Jansson	Assessing uncertainties in an atmospheric model with EasyVVUQ	UNEQUIvOCAL / SIAM	
13:10:00	14:10:00	**LUNCH BREAK**			
14:10:00	14:30:00	Sergiy Gogolenko	Towards Accurate Simulation of Global Challenges on Data Centers Infrastructures via Coupling of Models and Data Sources	MMS	
14:30:00	14:50:00	Zoltán Horváth	Improving accuracy of multi-scale urban air pollution simulation via coupling with sensor data and meteorological forcasts	MMS	
14:50:00	15:10:00	Milana Vuckovic	Building cloud-based data services to enable earth-science workflows across HPC centres	MMS	
15:10:00	15:30:00	Imran Mahmood	An Agent-based Multiscale Simulation of Forced Migration: A case study of South Sudan	MMS	
15:30:00	16:10:00	**COFFEE BREAK**			
16:10:00	16:30:00	Ben Czaja	A heterogeneous multi-scale model for blood flow	MMS	
16:30:00	16:50:00	Gabor Zavodszky	A statistical mean-field model for bridging the scale gap between cell resolved and continuum blood flow mechanics	MMS	
16:50:00	17:10:00	Michal Kulczewski	UrbanAir - modelling air quality over complex urban areas	MMS	
17:10:00	17:30:00	Bakhti Vasiev	Formation of morphogenetic patterns in cellular automata	MMS	
17:30:00	17:50:00	Roderick Melnik	Microtubule Biomechanics and the Effect of Degradation of Elastic Moduli	MMS	
17:50:00	18:10:00	John A. Turner	Coupled Microstructure-Resolved Simulation of Metal Additive Manufacturing Processes	MMS	