

Times in Japan Standard Time

(16:00 Japan Standard Time / 8:00 Central European Time)

16:00 -16:10 Opening Remarks

16:10 – 16:55 **Invited Talk:** *Fault-to-city earthquake simulation with fast and scalable finite-element solvers* (Kohei Fujita)

16:55 – 17:10 **Talk:** *A Framework for in-situ estimation of time-averaging uncertainties* (Christian Gscheidle, Saleh Rezaeiravesh, Jochen Garcke and Philipp Schlatter)

17:10 – 17:25 **Talk:** *Adaptive and flexible macro-micro coupling software* (Ishaan Desai, Carina Bringedal and Benjamin Uekermann)

17:25 – 17:35 Break

17:35 – 17:50 **Talk:** *Parallel Fluid-Structure Simulation of Cycloidal Rotors* (Julian Schließus and Louis Gagnon)

17:50 – 18:05 **Talk:** *Performance of Euler-Lagrange High-Order Discontinuous Galerkin Codes in High-Performance Computing* (Patrick Kopper, Stephen Copplestone, Marcel Pfeiffer and Andrea Beck)

18:05 – 18:20 **Talk:** *The Numerical Weather Prediction and Climate Model ICON and its Optimization Concepts* (Luis Kornblueh and Abhiraj Bishnoi)

18:20 – 18:35 **Talk:** *Porting a coupled multiscale and multiphysics Earth System Model to heterogeneous architectures* (Jörg Benke, Ghazal Tashakor, Stefan Poll and Daniel Caviedes Voullieme)

18:35 – 18:50 **Talk:** *Massively parallel finite element simulation of reaction-diffusion systems with moving boundaries: a use-case for biomaterials degradation modeling* (Mojtaba Barzegari and Liesbet Geris)

18:50 – 19:05 **Talk:** *Simplex Space-Time Finite Elements for Fluid-Rigid-Body Interaction* (Michel Make, Patrick Antony, Norbert Hosters and Marek Behr)

19:05 – 19:10 Closing Remarks