

Guest Student Colloquium 2016

Tuesday, 27. September 2016
Wednesday, 28. September 2016

Rotunda, 16.4, JSC

Program: see back

Keynote

Martin Mähler – IBM

Technology by IBM – Strategy and Outlook

Tuesday, 27.09.2016

9.30 • Opening Remarks & Session I

Fabian Mack, Karlsruhe*Parallel calculation of floor fields in pedestrian simulation***Monika Bajcer, Zagreb***Cerebral Brain Cortex Segmentation using Deep Learning*

10.40 • Coffee Break ☕

11.00 • Group Picture 📷

11.20 • Session II

Mia Jukić, Zagreb*Reaction-diffusion simulations with SDC and DUNE***Robert Poenaru, Bucharest***Development of a Violin Plot plug-in for CUBE*

12.30 • Lunch 🍴

14.00 • Session III

Suryanarayana Maddu Kondaiah, Bochum*Large Eddy Simulations: Modeling and implementation***Giovanni Iannelli, Pisa***Photons on a Möbius ring*

15.10 • Coffee Break ☕

15.30 • Session IV

Lukas Mazur, Bielefeld*Alternative communication methods for stencil operations in MPI***Fabian Preiß, Wuppertal***Independent Component Analysis on PLI Brain Images*

16.40 • Open Discussion 💬

Wednesday, 28.09.2016

9.30 • Opening Remarks & Session V

Patrick Emonts, Aachen*Brain simulators on JULIA: Initial performance evaluation***Josip Žubričić, Zagreb***Distributed CPU/GPU parallelization of the ChASE library*

10.40 • Coffee Break ☕

11.00 • Session VI

Elisabeth Reichwein, Düsseldorf*Interior Transmission Eigenvalues – Gotta catch 'em all!***Filip Srnc, Zagreb***Color Morphology Based on Loewner Order on GPU*

12.10 • Lunch 🍴

14.00 • Session VII

Laura Morgenstern, Chemnitz*Thievish threads rob FMM of idle time***Utkan Çalışkan, Istanbul***Sorting and Administration of Particles in OpenCL*

15.10 • Coffee Break ☕

15.30 • Keynote Talk ☆

Martin Mähler, Böblingen*Manager University Relations, IBM**Technology by IBM – Strategy and Outlook*

16.40 • Concluding Remarks