

Sixth deal.II Users and Developers Workshop

Monday, July 23, 2018

Keynotes - Meeting Room -- VII Floor (9:00 AM - 10:30 AM)

time	[id] title	presenter
9:00 AM	[0] Welcome remarks. Past and future of deal.II	Prof. BANGERTH, Wolfgang
9:45 AM	[8] Present and Future of adaptive, parallel, geometric multigrid in deal.II	HEISTER, Timo

Tuesday, July 24, 2018

Keynotes: Keynotes - Meeting Room -- VII Floor (9:00 AM - 10:30 AM)

time	[id] title	presenter
9:00 AM	[1] Integration and application of symbolic and automatic differentiation frameworks in deal.II	Dr PELTERET, Jean-Paul
9:45 AM	[10] CFL: A domain-specific language for simplifying integration kernels	ARNDT, Daniel

Wednesday, July 25, 2018

Keynotes: Keynotes - Meeting Room -- VII Floor (9:00 AM - 10:30 AM)

time	[id] title	presenter
9:00 AM	[2] Supports for GPU in deal.II	TURCK SIN, Bruno
9:45 AM	[5] Creative freedom for computational mesh generation in deal.II	Mr GIULIANI, Nicola

Thursday, July 26, 2018

Keynotes: Keynotes - Meeting Room -- VII Floor (9:00 AM - 10:30 AM)

time	[id] title	presenter
9:00 AM	[7] Algorithms and data structures for matrix-free finite element operators with MPI-parallel sparse multi-vectors	DAVYDOV, Denis
9:45 AM	[6] Numerical Approximation of the Integral Fractional Laplacian	Dr LEI, Wenyu

Friday, July 27, 2018

Keynotes: Keynotes - Meeting Room -- VII Floor (9:00 AM - 10:30 AM)

time	[id] title	presenter
9:00 AM	[12] An overview of some new features of deal.II 9.0	Prof. HELTAI, Luca