PRACE PATC Course
Intel MIC Programming Workshop

February, 7-8, 2017, IT4Innovations, Ostrava, Czech Republic
Plenum session with invited talks: Wednesday February 8, 2017:
13:00-13:45 Jan Zapletal (IT4Innovations): Boundary element quadrature schemes for multi- and many-core architectures
13:45-14:15 Jiri Jaros (VUT Brno): Acceleration of the k-Wave toolbox on Xeon Phi
14:15-15:00 Lukasz Szustak, Roman Wyrzykowski (TU Czestochowa): Exploring the impact of Intel MIC and Intel CPU architectures on accelerating scientific applications

15:00-15:30 Coffee break (group picture)

15:30-16:15 Michal Merta (IT4Innovations): Acceleration of the ESPRESO domain decomposition library
16:15-17:00 Milan Jaros (IT4Innovations): Acceleration of Blender Cycles Render Engine using Intel® Xeon Phi™
● **Complete lecture slides, talks & exercise sheets:**
  - http://www.lrz.de/services/compute/courses/x_lecturenotes/mic_workshop_ostrava
  - https://goo.gl/IPBNmK

● **Examples under:**
  - /home/weinberg/MIC_Workshop
Please fill out the course evaluation form before leaving this room to help us and PRACE to increase the quality of PATC trainings.

https://events.prace-ri.eu/event/583/evaluation/evaluate

https://goo.gl/PkupqH

Thank you!!
Upcoming courses@ LRZ

- **Advanced C++ with Focus on Software Engineering @ RRZE**
  Wednesday, February 15 - February 17, 2017, 09:00 - 17:00

- **Programming with Fortran**
  Wednesday, March 1 - Friday, March 3, 2017, 9:00-18:00

- **Parallel Programming of High Performance Systems**
  Monday, March 6 - Friday, March 10, 2017, 9:00-18:00

- **PRACE PATC Course: Advanced Topics in High Performance Computing**
  Monday, April 3, 2017 - Thursday, April 6, 2017, 9:00-18:00

- **HPC code optimisation workshop**
  Thursday, May 4, 2017, 9:00-17:00

- **PRACE PATC Course: Intel MIC Programming Workshop (Knights Landing), tba.**
  Monday, June 26 – Wednesday, June 28, 2017, 09:00 – 17:00

- **Scientific Workshop: HPC for natural hazard assessment and disaster migration, tba.**
  Wednesday June, 28 – Friday, June 30, 2017

- **Compact Course: Iterative Linear Solvers and Parallelization**
  Monday, September 4 - Friday, September 8, 2017, 08:30 (Mo) - 15:30 (Fr)

- **PRACE PATC Course: Advanced Fortran Topics**
  Monday, September 12 - Friday, September 16, 2016, 09:00 - 18:00
HPC Courses

- Information on further HPC courses:
  - by LRZ: http://www.lrz.de/services/compute/courses/
  - by the Gauss Centre of Supercomputing (GCS): http://www.gauss-centre.eu/training
  - by the PRACE Advanced Training Centres (PATCs): http://www.training.prace-ri.eu/
  - by IT4Innovations: http://prace.it4i.cz/kurzy-it4innovations/
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- **Intel**

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