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Towards a European training network in high-performance computing

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Pekka Manninen: Towards a European training network in high-performance computing

PRACE creates a pan-European Research Infrastructure for scientific computing and modeling; providing access to computing and data management resources and services for large-scale scientific and engineering applications at the highest performance level.

To aid users and potential users as well as preparing the next generation scientists and engineers PRACE has an extensive pan-European education and training effort. These promote the effective use of the RI through face-to-face training events and scientific and industrial seminars all around Europe. PRACE also builds on an online Training Portal, which features ambitious features for self-learning, provides training material and distributes the materials (lecture videos, presentation slides and so on) of PRACE training events. A unique characteristic in PRACE training efforts is the network of "PRACE Advanced Training Centres", which are the European hubs for scientific computing education.

This presentation addresses the initiatives for a fully functional pan-European training network for scientific computing, related technological solutions, as well as discusses the lessons learned during the course of work.

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