Abstract:

The talk gives a short site update and then will present the project ESIWACE, a Center of Excellence funded by the European commission.

DKRZ recently started operation of its new system, a BULLx cluster with initially 1.5 PetaFLOPS and more than 20 PetaByte of disk storage. The contract includes also formal co-operation wit ATOS/Bull.

ESiWACE (Excellence in Simulation of Weather and Climate in Europe) is a Center of Excellence funded by the European Commission in the framework of the Horizon2020 program. The Centres of Excellence are an integral part of the European HPC Overall strategy and are expected to support excellence in HPC applications. Primary objective of ESiWACE is to substantially improve the efficiency and productivity of numerical weather and climate simulation on high-performance computing platforms.