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NVIDIA Presentation

Wednesday, 14 December 2016 15:15 (20 minutes)

NVIDIA, during the last decade, designed a complete hardware and software ecosystem to support the major computing challenges of the scientific community. We recently made a step forward to improve performances and user experiences of our products thanks to the following updates: i) new Pascal architecture (up to 5.3 TFlops), ii) OpenACC, CUDA and CUDA fortran programming models, iii) PGI complier free community edition, iv) domain specific libraries for deep learning (cuDNN, ⋯), v) academic education programs, and vi) deep learning institute (DLI). Details of these topics will be presented during the talk, with particular attention to requirements of scientific projects in the field of Astronomy and Astroparticle physics.

Presenter: Dr ALTOE, Piero (Business Development Manager HPC, NVIDIA)