



Quantum Espresso Targeting Accelerators

Day 1 - 27 February Afternoon – Pietro Delugas (chairman)

- 14:00 “General strategies for GPU porting” - **Fabio Affinito** (CINECA)
- 14:20 “DevXlib: a general abstraction layer” - **Nicola Spallanzani** (CNR-Nano)
- 14:40 “Status and perspectives of OMP offloading for Intel cards and compiler” - **Giacomo Rossi** (Intel)
- 15:00 “Status and perspectives of OMP offloading for AMD cards and Cray compiler” - **Ossian O’Reilly** (AMD)
- 15:20 Coffee break
- 15:40 “Perspectives and news from NVIDIA side: compilers and cards” - **Filippo Spiga** (Nvidia)
- 16:00 “Wrap-up and talking points” - **Fabio Affinito** (CINECA)
- 16:20 – 18:00 “Questions and discussion”

Day 2 - 28 February Morning – Pietro Delugas (chairman)

- 09:00 “Porting of FFTXlib: status and perspectives” - **Fabrizio Ferrari Ruffino** (CNR-IOM)
- 09:20 “Status of openACC version and details on Linear Response work” - **Laura Bellentani** (CINECA)
- 09:40 “Distributed linear algebra: libraries and issues” - **Sergio Orlandini** (CINECA)
- 10:00 Coffee break
- 10:30 “Wrap-up and talking points”
- 11:00 “Questions and discussion”
- 12:30 lunch