

Session Program

22-28 Oct 2017



**Ninth INFN International School on:
"Architectures, tools and methodologies for
developing efficient large scale scientific
computing applications" ESC17 - Bertinoro
(Forlì-Cesena) Italy 22-28 October 2017**

Session 4

Bertinoro

Thursday 26 October

08:30

Session 4

Session | **Location:** Bertinoro

08:30–09:15 **Efficient floating-point computation and vectorization**

Speaker

Vincenzo Innocente

09:15–10:00 **Efficient floating-point computation and vectorization**

Speaker

Vincenzo Innocente

10:00–10:30 **Coffee break**

10:30–11:15 **Efficient floating-point computation and vectorization**

Speaker

Vincenzo Innocente

11:15–12:15 **Consolidation**

12:15–13:00 **GPUs and the Heterogeneous programming problem**

Speaker

Dr Tim Mattson

13:00–14:30 **Lunch**

14:30–15:15 **GPU programming with OpenCL: Ideas and the host program**

Speaker

Dr Tim Mattson

15:15–16:15 **Consolidation**

16:15–16:45 **Coffee break**

16:45–18:00 **Consolidation**

18:00–19:00 **From HPC to Deep Learning, a short journey on modern techniques**

Speaker

Piero Altoè

19:30