

Session Program

20-26 Oct 2013

**Fifth INFN International School on:
"Architectures, tools and methodologies for
developing efficient large scale scientific
computing applications" ESC13 - Bertinoro
(Forlì-Cesena) Italy 20-26 October 2013**

***Session 7: Hands on introduction to GPU
programming with CUDA and OpenCL***

Bertinoro

Friday 25 October

08:30

Session 7: Hands on introduction to GPU programming with CUDA and OpenCL

Session | **Location:** Bertinoro | **Convener:** Dr Tim Mattson

08:30-09:15 **The kernel parallelism pattern**

Speaker

Dr Tim Mattson

09:30-10:15 **Basics of kernel programming**

Speaker

Dr Tim Mattson

10:30-11:00 **Coffee break**

11:00-11:45 **GPU memory hierarchy and reductions**

Speaker

Dr Tim Mattson

12:50