

Session Program

21-27 Nov 2010

**Second INFN International School on:
"Architectures, tools and methodologies for
developing efficient large scale scientific
computing applications" ESC10 - Bertinoro
(Forlì-Cesena) | 22-27 November 2010**

Session 5

Bertinoro

Friday 26 November

08:30

Session 5

Session | **Location:** Bertinoro**08:30–09:15** **Parallel programming theory****Speaker**

Dr Tim Mattson

09:20–10:05 **An introduction to OpenMP****Speaker**

Dr Tim Mattson

10:10–10:30 **Coffee break****10:30–11:00** **Synchronization in OpenMP****Speaker**

Dr Tim Mattson

11:00–11:45 **Work sharing constructs****Speaker**

Dr Tim Mattson

11:50–12:35 **The OpenMP data environment****Speaker**

Dr Tim Mattson

12:50–14:20 **Lunch break****14:30–15:15** **OpenMP tasks****Speaker**

Dr Tim Mattson

15:15–16:00 **OpenMP Memory model****Speaker**

Dr Tim Mattson

16:00–16:15 **Coffee break****16:15–17:00** **A survey of programming models****Speaker**

Dr Tim Mattson

18:30–19:30**Evening Lecture: "How to program a 1000 core processor" (Timothy G. Mattson, Intel Co.)**

19:30