

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 1

Bertinoro

Monday 22 November

08:30

Session 1

Session | **Location:** Bertinoro**08:30–09:00** **Welcome and Opening of the School****Speaker**

Federico Ruggieri

09:00–09:45 **Concepts of performance and efficiency****Speaker**

Dr Peter Elmer

09:50–10:35 **Modern processors and related optimisation topics - Part 1****Speaker**

Mr Sverre Jarp

10:40–11:00 **Coffee break****11:00–11:45** **Modern processors and related optimisation topics - Part 2****Speaker**

Mr Sverre Jarp

11:50–12:35 **Exercises - Introduction to Performance tuning tools****Speakers**

Mr Andrzej Nowak, Mr Sverre Jarp

12:40–14:10 **Lunch break****14:15–15:00** **Introduction to GPUs/CPU accelerators****Speaker**

Mr Andrzej Nowak

15:00–15:45 **Exercises - Continued focus on Performance tuning tools****Speakers**

Mr Andrzej Nowak, Mr Sverre Jarp

15:45–16:00 **Coffee break****16:00–16:45** **Exercises - Continued focus on Performance tuning tools****Speakers**

Mr Andrzej Nowak, Mr Sverre Jarp

16:45–17:30 **Exercises - Continued focus on Performance tuning tools****Speakers**

Mr Andrzej Nowak, Mr Sverre Jarp

20:00