

3rd International Summer School on INtelligent Signal Processing for FrontIEr Research and Industry

Monday 14 September 2015 - Friday 25 September 2015

**Hamburg
Programme**

Table of contents

Wednesday 16 September 2015	1
Wednesday 23 September 2015	2

Wednesday 16 September 2015

Massive Parallel and High Performance Computing (MPC-HPC) - Auditorium III 2nd Floor **(15:30-17:45)**

The real time, high performance, high rate high speed data processing is a demand in many fields of the modern life. Big data it is a very active and fast evolving industrial field on both the hardware and software sides. Today lectures will review what are the main aspects of this topic and its novel developments and industrial trends for confronting the new Big data challenges in Astrophysics. This session will be continuing on Sept 24 with the High Energy Physics case.

time	title	presenter
15:30	Introductory Tutorial To New Automata Processors, Part1	WANG, Ke TANNER, Matt
16:30	Break	
16:40	Introductory Tutorial To New Automata Processors, Part 2	WANG, Ke TANNER, Matt

Wednesday 23 September 2015

Massive Parallel and High Performance Computing (MPC-HPC) - Auditorium III 2nd Floor **(08:45-10:30)**

The real time, high performance, high rate high speed data processing is a demand in many fields of the modern life. Big data it is a very active and fast evolving industrial field on both the hardware and software sides. Today lectures will review what are the main aspects of this topic and its novel developments and industrial trends for confronting the new Big data challenges in Astrophysics. This session will be continuing on Sept 24 with the High Energy Physics case.

time	title	presenter
09:00	HIGH PERFORMANCE and MASSIVE PARALLEL COMPUTING needs and challenges for Astrophysics: the gravitational waves experiments case	KRISHNAN, Badri