

## Severo Ochoa Research Seminar Lectures 2015 - 16

### Objectives

#### 2015 - 16 Severo Ochoa Research Seminar Lectures

Date - Time	Place	Lecture Title	Speaker	Organisation
10/09 - 11 am	Sala d' Actes FIB	<a href="#"><u>Opening Session: Exploring Emerging Technologies for Extreme Scale HPC Architectures</u></a>	Jeffrey S. Vetter	ORNL and Georgia Tech
18/09 - <b>12am</b>	Sala d' Actes FIB	<a href="#"><u>Kernel and user level execution trace analysis for multi-core distributed Linux systems</u></a>	Michel Dagenais	Polytechnique Montréal
23/09 - 11am	Sala d' Actes FIB	<a href="#"><u>Learning by Redundancy: Climate Multi-Model Ensembles and Machine Learning</u></a>	Matteo De Felice	Climate Modelling laboratory, ENEA, Italy
14/10 - 11am	Sala d' Actes FIB	<a href="#"><u>Jointly organised by BSC and DAC Datacenter Computers: modern challenges in CPU design</u></a>	Richard L. Sites	Google, Inc.
05/11 - <b>12 pm</b>	Sala Juntes, Rectorat	<a href="#"><u>Simulating extreme hydro-meteorological events with DRIHM(2US) services</u></a>	Antonio Parodi	CIMA Foundation
06/11- 11am	Sala d' Actes FIB	<a href="#"><u>A New Role of Ontologies and Advanced Scientific Visualization in Big Data analytics</u></a>	Svetlana Chuprina	Perm State University
11/12- <b>10am</b>	<b>Building C6, room E101</b>	<a href="#"><u>The route towards the ultimate network topology</u></a>	German Rodriguez	IBM Zurich Research
15/12- <b>11:30 am</b>	<b>Building C6, room E106</b>	<a href="#"><u>Christmas Lecture: Adaptive, Efficient, Parallel Execution of Parallel Programs</u></a>	Guri Sohi	University of Wisconsin-Madison
17/12- <b>11:00 am</b>	Sala d' Actes FIB	<a href="#"><u>Simple, Efficient, and Scalable Cache Coherence</u></a>	Alberto Ros	University of Murcia
16/03- <b>11:30 am</b>	Sala d' Actes FIB	<a href="#"><u>Towards Real-Time CFD Simulation of In-Flight Icing</u></a>	Wagdi G. Habashi	McGill University
31/03- <b>11:00 am</b>	Sala d' Actes FIB	<a href="#"><u>Semantically Ordered Parallel Execution of Multiprocessor Programs</u></a>	Guri Sohi	University of Wisconsin-Madison

01/04. <b>12:00</b> pm	Sala d'Actes FIB	<a href="#">The Fourth Paradigm - Data-Intensive Scientific Discovery and Open Science</a>	Tony Hey	Science and Technology Facilities Council.
27/04. <b>11:00</b> am	<b>Building C6, room E-106</b>	<a href="#">Advances in GPU architecture for deep learning and scientific computing</a>	Frédéric Parienté	NVIDIA
13/05. <b>13:00</b>	Sala d'Actes FIB	<a href="#">Semantic Systems and Visual Tools to Analyze Climate Change Communication</a>	Arno Scharl	MODUL University, Vienna
23/05. <b>11:00</b>	<b>Aula Master, UPC</b> A3 on the campus map	<a href="#">2 Lectures on Deep Learning</a>	Joan Bruna  Oriol Vinyals	(UC Berkeley)  (Google DeepMind)
14/06. <b>11:00</b>	Sala d'Actes FIB	<a href="#">Large-Scale Machine Learning in Cancer and Brain Research: New Applications That Will Drive Future Supercomputing Systems</a>	Rick L. Stevens	Argonne National Laboratory and University of Chicago

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