SOCIETÀ ITALIANA DI FISICA

INTERNATIONAL SCHOOL OF PHYSICS
"ENRICO FERMI"

WITH THE SPONSORSHIP OF CAMERA DI COMMERCIO DI LECCO - ISTITUTO NAZIONALE DI FISICA NUCLEARE

SUMMER COURSES 2014

VILLA MONASTERO – VARENNA, LAKE COMO

Course 192
GRID AND CLOUD COMPUTING –
CONCEPTS AND PRACTICAL APPLICATIONS
25 – 30 July

Topics:

- WLCG Grid past, present and future
- Clouds in the Biosciences
- Scientific clouds
- Global networking
- Grid and Cloud architecture
- Cloud middleware
- Big Data: challenges and perspectives
- Data preservation
- Grid and Cloud Monitoring

Lecturers and Seminar Speakers:

A. BARCZYK – California Institute of Technology, Pasadena, CA (USA)
I. BIRD – IT Department, CERN, Geneva (Switzerland)
V. J. BRETON – LPC, Campus des Cezeaux, Aubière (France)
D. DUELLMANN – IT Department, CERN, Geneva (Switzerland)
I. LEGRAND – PH Department, CERN, Geneva (Switzerland), California Institute of Thechnology, Pasadena, CA (USA)
M. LIVNY – Computer Sciences Department, University of Wisconsin, Madison, WI (USA)
S. MAFFIOLETTI – GC3: Grid Computing Competence Center, University of Zurich (Switzerland)
G. MARON – INFN-CNAF, Bologna (Italy)
H. NEWMAN – California Institute of Technology, Pasadena, CA (USA)
J. SHIERS – IT Department, CERN, Geneva (Switzerland)

Directors of the Course:

F. CARMINATI – PH Department, CERN, Geneva (Switzerland)
L. BETEV – PH Department, CERN, Geneva (Switzerland)

Scientific Secretary:

A. GRIGORAS – PH Department, CERN, Geneva (Switzerland)

Deadline for application:

5 May 2014

Correspondence and application forms should be sent to:

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Arrival day:

Thursday, 24 July 2014

Opening of the Course:

Friday, 25 July 2014 - 9.00 a.m.

Closing of the Course:

Wednesday, 30 July 2014 - 12,30 p.m.

Participation fee:

€ 900,00 (for attendance, board, lodging and Proceedings)