

INTERNATIONAL SCHOOL OF PHYSICS "ENRICO FERMI"

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



VILLA MONASTERO - VARENNA, LAKE COMO



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:

 $\ensuremath{\,\in\,} 900{,}00$ (for attendance, board, lodging and Proceedings)

