# III INTERNATIONAL GEANT4 AND GPU PROGRAMMING SCHOOL

Laboratori Nazionali del Sud (INFN), Catania, Italy November 9 – 13, 2015



November 9-10 GPU Programming School

Introduction on GPU and manycore architecture Fundamental concepts of GPU programming: CUDA and OpenCL Programming using OpenCL Practical sessions using OpenCL



November 11-13 Geant4 International School

Monte Carlo simulation The Geant4 Monte Carlo toolkit Practical sessions





#### PARTICIPANTS

A maximum number of 55 participants will be admitted Fee waiver available for undergraduate students (maximum 15 students)

## SCHOOL FEE

GPU Programming course: 150 € Geant4 course: 150 € Both courses: 200 € Attendance to the course may provide CFUs

## ORGANISING COMMITTEE

Giuseppe Bilotta, UNICT Salvatore Cavalieri, UNICT Pablo Cirrone, INFN-LNS Giacomo Cuttone, INFN-LNS Luciano Pandola, INFN-LNS Francesco Romano, INFN-LNS Marco Scarpa, UNIME Antonella Tramontana, INFN-LNS

#### More details at <a href="http://agenda.infn.it/event/Geant4GPUInternationalSchool2015">http://agenda.infn.it/event/Geant4GPUInternationalSchool2015</a>