

Italian Teachers Programme 09/2013









from Sunday, 8 September 2013 at **09:00**

to Friday, 13 September 2013 at **23:00** (Europe/Zurich) at **CERN**










• Sunday, 8 September 2013

- 18:30 - 19:15 Welcome and Introduction to the programme 45' ([500-1-001 - Main Auditorium](#))
An opportunity to ask questions about all aspects of the programme
Speaker: Mick Storr (CERN)

• Monday, 9 September 2013

- 09:00 - 10:00 Welcome and Introduction to CERN 1h0' ([222-R-001 - Filtration Plant](#))
Speaker: Sergio Bertolucci (CERN)
- 10:00 - 11:00 Cosmology 1h0' ([222-R-001 - Filtration Plant](#))
Speaker: Gian Giudice (CERN)
Material: **Slides**  **Video in CDS** 
- 11:15 - 12:15 Introduction to Accelerators (1/2) 1h0' ([222-R-001 - Filtration Plant](#))
Speaker: Dr. Simone Gilardoni (CERN)
Material: **Slides**  **Video in CDS** 
- 13:30 - 15:00 Visit ATLAS and Globe 1h30' (B33 Reception)
Speakers: Cristina Biino (Universita e INFN (IT)), Federico Alessio (CERN)
- 15:30 - 16:30 Particle Accelerators in Tumour Therapy 1h0' ([222-R-001 - Filtration Plant](#))
Speaker: Ugo Amaldi (TERA Foundation (IT))
Material: **Slides**  **Video in CDS** 
- 16:30 - 17:30 Neutrino Physics and the Legacy of Bruno Pontecorvo 1h0' ([222-R-001 - Filtration Plant](#))
Speaker: Luigi Di Lella (Sezione di Pisa (IT))
Material: **Slides**  **Video in CDS** 
- 18:00 - 18:45 Review 45'

• Tuesday, 10 September 2013

- 09:00 - 09:45 Introduction to Accelerators (2/2) 45' ([500-1-001 - Main Auditorium](#))
Speaker: Dr. Simone Gilardoni (CERN)
Material: **Video in CDS** 
- 10:00 - 10:45 Particle Detectors 45' ([500-1-001 - Main Auditorium](#))
Speaker: Gigi Rolandi (CERN)
Material: **Slides**  **Video in CDS** 
- 11:15 - 12:00 From raw data to the Higgs 45' ([500-1-001 - Main Auditorium](#))
Speaker: Chiara Roda (Sezione di Pisa (IT))
Material: **Slides**  **Video in CDS** 
- 13:15 - 15:15 Costruire una vera camera a nebbia 2h0' ([6-2-004](#))
Speaker: Mick Storr (CERN)
Material: **Alternative Apparatus**  **Cloud Chamber Workshop**  **Video : How to make a cloud chamber**  **Video : How to make dry ice** 

- 13:15 - 15:15 Visit PS/LEIR 2h0' ([6-2-004](#))
Speakers: Francesco Marchi (CERN), Valerio Grassi (State University of New York (US)), Michele De Gruttola (University of Florida (US))
- 15:40 - 16:00 Special Guest 20' ([500-1-001 - Main Auditorium](#))
- 16:30 - 17:30 Particle Physics (1/3) 1h0' ([500-1-001 - Main Auditorium](#))
Speaker: Michelangelo Mangano (CERN)
Material: **Slides**  **Video in CDS** 
- 18:00 - 19:00 Review 1h0'

- **Wednesday, 11 September 2013**
- 09:00 - 10:00 Particle Physics (2/3) 1h0' ([40-S2-A01 - Salle Anderson](#))
Speaker: Michelangelo Mangano (CERN)
Material: **Slides**  **Video in CDS** 
- 10:30 - 11:30 Particle Physics (3/3) 1h0' ([40-S2-A01 - Salle Anderson](#))
Speaker: Michelangelo Mangano (CERN)
Material: **Slides**  **Video in CDS** 
- 11:45 - 12:30 Italy at CERN 45' ([40-S2-A01 - Salle Anderson](#))
Speaker: Maurizio Biasini (Universita e INFN (IT))
Material: **Slides**  **Video in CDS** 
- 14:00 - 15:30 Visit SM-18 1h30' (B33 Reception)
Speakers: Cristina Biino (Universita e INFN (IT)), Valerio Grassi (State University of New York (US)), Davide Gamba (University of Oxford (GB))
- 15:30 - 19:30 Discover Geneva: Treasure Hunt 4h0' (B33 Reception)
- 19:30 - 22:30 Programme Dinner 3h0'

- **Thursday, 12 September 2013**
- 09:00 - 10:00 The discovery of the Higgs 1h0' ([500-1-001 - Main Auditorium](#))
Speaker: Guido Tonelli (Universita degli Studi di Pisa-INFN, Sezione di Pisa-Unknown)
Material: **Slides**  **Video in CDS** 
- 10:30 - 12:00 Visit Computer Centre/Anti-matter Factory 1h30'
Speakers: Valerio Grassi (State University of New York (US)), Federico Alessio (CERN), Dr. Giuseppe Lo Presti (CERN), Vincenzo Cavasinni (Sezione di Pisa (IT))
- 13:30 - 17:30 Visit CMS/CCC/AMS 4h0' (B33 Reception)
Speakers: Cristina Biino (Universita e INFN (IT)), Mick Storr (CERN), marco casolino

- **Friday, 13 September 2013**
- 09:00 - 10:00 LHC and Beyond 1h0' ([222-R-001 - Filtration Plant](#))
Speaker: Prof. Lucio Rossi (CERN)
Material: **Slides**  **Video in CDS** 
- 10:30 - 11:30 Q/A 1h0' ([222-R-001 - Filtration Plant](#))
- 11:30 - 12:00 Final Review and arrivederci CERN 30' ([222-R-001 - Filtration Plant](#))