

First session: General overview on important geophysical issues

- 09:00 – 09:15** **Prof. Eugenio Coccia**
*Department of Physics – University of Rome “Tor Vergata” (Italy),
Director Laboratori Nazionali del Gran Sasso
Welcome and Overview of the Gran Sasso Laboratory*
- 09:15 – 09:30** **Prof. Jo van den Brand**
*Department of Physics and Astronomy – Vrije Universiteit Amsterdam (Netherlands),
Nikhef Amsterdam (Netherlands)
Einstein Telescope and goals for Working Group 1*
- 09:30 – 09:50** **Prof. Giuliano Francesco Panza**
*Department of Physics – University of Trieste (Italy)
Head of SAND Group (Structure and Non-Linear Dynamics of the Earth) at the Abdus Salam ICTP – Trieste (Italy)
Non-Linear Dynamics of the Earth’s Lithosphere*
- 09:55 – 10:15** **Prof. Roberto Sabadini**
*Earth Sciences Department – University of Milan (Italy)
Our living planet, from the Earth’s surface to the lower mantle*
- 10:20 – 10:40** **Dr. David Rabeling**
*Department of Physics and Astronomy – Vrije Universiteit Amsterdam (Netherlands),
Nikhef Amsterdam (Netherlands)
Finite element calculations of seismic motion and gravity gradient noise*
- 10:45 – 11:00** **Coffee break**

Second session: Aspects of site selection

- 11:00 – 11:20** **Prof. Carlo Doglioni**
*Earth Sciences Department – University of Rome “La Sapienza” (Italy)
Geodynamics of the European region*
- 11:25 – 11:45** **Dr. Hartmut Grote**
*Albert Einstein Institute (Germany)
Seismic data from the Black Forest Underground station and experience from Kamioka*
- 11:50 – 12:10** **Dr Gaetano De Luca**
*National Civil Protection Department – Seismic Service (Italy)
National Institute of Nuclear Physics – Gran Sasso National Laboratory – ERMES
Underground seismic array and seismic noise*

Third session: Information about engineering and safety issues for underground laboratories

- 12:15 – 12:35** **Prof. Fulvio Ricci**
*University of Rome “La Sapienza” (Italy)
Preliminary ideas concerning suspensions for Einstein Telescope*
- 12:40 – 13:00** **Prof.Eng. Roberto Guercio**
*University of Rome “La Sapienza” (Italy)
Engineering issues for underground cavern construction*
- 13:05 – 13:25** **Dr. Eng. Roberto Tartaglia**
*Laboratori Nazionali del Gran Sasso (Italy)
Safety issues in the underground laboratories*
- 13:30 – 14:25** **Lunch break**
- 14:30 – 16:25** **Prof. Wolfango Plastino**
*Department of Physics, University of Roma Tre (Italy)
Visit seismic arrays inside and outside the LNGS*
- 16:30 – 18:00** **Discussion**