

IV INTERNATIONAL COURSE ON GEOTECHNICAL AND STRUCTURAL MONITORING

13-15 JUNE | ROME 2017

MASTER CLASSES ON JUNE 12



ORGANIZED BY:
NHAZCA SRL
NATURAL HAZARDS CONTROL AND ASSESSMENTS

IN COLLABORATION WITH
DEPARTMENT OF EARTH SCIENCES
&
CERI RESEARCH CENTRE



SAPIENZA
UNIVERSITÀ DI ROMA

Director: John Dunnicliff

Organizer: Paolo Mazzanti

The purpose of the course, annually held in Italy, is to guide participants on how to plan and execute effective geotechnical and structural monitoring programs under the guidance of international leading experts and the direction of John Dunnicliff.

The course will focus on the following main topics:

- Basic concepts on monitoring and planning
- Contact monitoring methods
- Remote monitoring methods
- Offshore monitoring
- Vibration monitoring
- Analysis and interpretation of data

The course is an exclusive combination of lessons, workshops, optional field trip and presentations given by participants and partners. In particular, special sessions will be dedicated to the presentations of **NEW TRENDS** about the monitoring technologies, and of the most challenging **CASE HISTORIES**.

Schedule of the course

- June 12: Master Classes
- 13-15 June: Main Course (also includes participants presentations sessions).
- 16 June: Field Trip in the historical Rome City Center.

The course is intended for project managers and decision-makers who are concerned with management of risk during construction, geotechnical and structural engineers, end users, consultants, service providers, manufacturers and researchers working in the following sectors:

- Large infrastructures
- Transportation
- Mining
- Oil&Gas
- Land and water management
- Sensor and equipment manufacturers

News

Six **Master Classes**, with a duration of 2:30 hours, will be held by leading experts on June 12th.

- ✓ **Piezometers** with **Tony Simmonds**
- ✓ **Inclinometers** with **Erik Mikkelsen**
- ✓ **Extensometers** with **Giorgio Pezzetti**
- ✓ **Total stations** with **Martin Beth**
- ✓ **GNSS** with **Stefano Gandolfi**
- ✓ **Terrestrial Radar** with **Paolo Mazzanti**

News

Grants

Three grants are offered for the free participation to the course to: *Young professional, Developing countries and PhD students.*

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