

## 9<sup>th</sup> International Course on Geotechnical and Structural Monitoring

02 – 06 May 2023

Sapienza Università di Roma & Ex Cartiera Latina

### SCHEDULE

#### DAY 1 – MAY 02<sup>TH</sup>:

##### ICE BREAKING FIELD TRIP (3:00 H)

17:30 – 20:30

Field Trip at Colosseum and Imperial Forum	17:30 – 19:00	Paolo Mazzanti & Giorgio Pezzetti
Ice Breaking Party at METRO C	19:00 – 20:30	

#### DAY 2 – MAY 03<sup>TH</sup>:

##### OPENING EVENT (4:00 H)

08:45 – 13:15

##### Round Tables on "Perspectives on Geotechnical and Structural Monitoring for Resilient Natural and Built Environment"

Sapienza University of Rome

Round Tables	Time	Moderator	Panelists
<b>Introduction</b>	8:45 – 9:15		Francesca Bozzano (Univ. La Sapienza) - Gabriele Scarascia Mugnozza (Univ. La Sapienza) - Sebastiano Rampello (Univ. La Sapienza) - Paolo Mazzanti (Univ. La Sapienza)
<b>Instructors and Researchers</b>	9:15 – 9:45	Francesca Bozzano	Gianpiero Russo (Univ. Federico II Napoli) - Werner Lienhart (TU Gratz) - Andrea Prota (Univ. Federico II Napoli)
<b>Policy makers and insurers</b>	9:45 – 10:30	Gabriele Scarascia Mugnozza	Alessandro Palmieri (Hydro Infrastructures Planning - fr. World Bank) - Walter Steiner (ISSMGE - TC 182 WG2 Convenor) - Andrew Ridley (ISSMGE TC 220 Chair) –

			Daniele Ortelli (Generali Assicurazioni)
<i>Break</i>	10:30 – 11:00		
<b>Asset Manager and Contractors</b>	11:00 – 12:00	Paolo Mazzanti	Leen DeVos (Flemish Government) - Eliano Romani (Metro C) - Fabio Pagano (Parco Archeologico Campi Flegrei) - Francesco Fornari (ENEL) - Marco Rettighieri (Webuild) - Massimo Comedini (ITALFERR)
<b>Manufacturers and service providers</b>	12:00 – 12:45	Giorgio Pezzetti	Jurgen Fleitz (OFITECO) - Vincent Lamour (SOCOTEC) - Romano Lamperti (SIGGEO) - Sebastiane Brague (SIXENSE) - Daniele Inaudi (ROCTEST) - Elena Piantelli (TRIMBLE) - Elena Francioni (e-GEOS)
<b>Conclusions</b>	12:45 – 13:15	Paolo Mazzanti	Paolo Mazzanti (Univ. La Sapienza)

**OPENING OF THE EXHIBITION (3:30 H)**  
Ex Cartiera Latina

**15:00 – 18:30**

**DAY 3 – MAY 04<sup>TH</sup>:**

**MASTER CLASSES (8:45 H)**

**08:45 – 17:30**

**Master Classes on Monitoring Transportation and Cities**  
Conference room – Ex Cartiera Latina

Master Class Theme	Time	Speakers
<b>Railroads, Highways, Airstrips</b>	08:45 – 10:45	Vincent Lamour (SOCOTEC), Werner Linehart (TU Graz)
<i>Coffee Break and Exhibition visit</i>	10:45 – 11:00	
<b>Bridges</b>	11:00 – 12:30	Daniele Inaudi (Roctest)
<i>Lunch Break and Exhibition visit</i>	12:30 – 13:30	
<b>Tunnels</b>	13:30 – 15:00	Klaus Rabensteiner (GEODATA), Sebastiane Brague (Sixense)
<b>Buildings</b>	15:00 – 16:00	Francesco Romeo (Sapienza), Egidio Lofrano (Sapienza)

<i>Coffee Break and Exhibition visit</i>	16:00 – 16:30	
<b>Cultural Heritages</b>	16:30 – 17:30	Francesco Romeo (Sapienza), Egidio Lofrano (Sapienza)

**Exhibition and Live Demos (9:30 H)**  
Ex Cartiera Latina

**09:00 – 18:30**

**DAY 4 – MAY 05<sup>TH</sup>:**

**MASTER CLASSES (8:30 H)**

**09:00 – 17:30**

**Master Classes on Monitoring Energy and Resources**  
Conference room – Ex Cartiera Latina

Master Class Theme	Time	Speakers
<b>Dams</b>	09:00 – 10:30	Georgette Hlepas (USACE), Giorgio Pezzetti (SMAK s.a.s)
<i>Coffee Break and Exhibition visit</i>	10:30 – 10:45	
<b>Open Pit Mines</b>	10:45 – 12:15	Peter Lamb (Tetra Tech Coffey)
<i>Lunch Break and Exhibition visit</i>	12:15 – 13:30	
<b>Fluid Extraction &amp; Storage and Wind Energy</b>	13:30 – 14:30	Per Sparrevik (NGI)
<b>Pipelines</b>	14:30 – 15:30	Martin Derby (WSP)
<i>Coffee Break and Exhibition visit</i>	15:30 – 16:00	
<b>Landslides</b>	16:00 – 17:30	Vanessa Bateman (USACE), Paolo Mazzanti (Univ. La Sapienza)

**Exhibition and Live Demos (9:30 H)**

**09:00 – 18:30**

**Day 5 – MAY 06<sup>TH</sup>:**

**FIELD TRIP: ACUTO, FROSINONE – HALF DAY (6:00 H)**

**08:00 – 14:15**

Transportation Rome – Acuto	08:00 – 09:30	
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The history of the Acuto test site	09:30 – 10:00	Salvatore Martino (Sapienza Università di Roma)
Scientific relations (1:00 h) <ul style="list-style-type: none"> <li>Weather and geotechnical monitoring</li> <li>IR monitoring and modelling</li> <li>Geophysical monitoring</li> </ul>	10:00 – 11:00	Salvatore Martino, Gian Marco Marmoni (Sapienza Università di Roma); Matteo Fiorucci (Università di Cassino e del Lazio Meridionale)
Tour of installed multi-parametric monitoring systems	11:00 – 12:00	Salvatore Martino, Gian Marco Marmoni (Sapienza Università di Roma); Matteo Fiorucci (Università di Cassino e del Lazio Meridionale)
<i>Break</i>	12:00 – 12:45	
Transportation Acuto – Rome	12:45 – 14:15	

L'evento si svolge in convenzione e cooperazione con la Fondazione Centro Studi del Consiglio Nazionale dei Geologi.

