

Course Schedule

7-8-9 June 2016 | Poppi, Tuscany (Italy)

Tuesday, 7 June, 2016

	<i>Registration and networking with coffee, tea and snack</i>	8:00-9:00	
	A.1 Welcome and Introduction	9:00-9:20	John Dunicliff & Paolo Mazzanti
	A.2 Overview of Monitoring – Part 1	9:20-9:40	John Dunicliff
	A.3 Overview of Monitoring – Part 2	9:40-10:00	Paolo Mazzanti
	A.4 Introduction of Participants and Exhibitors	10:00-10:30	John Dunicliff (moderator)
	<i>Coffee Break</i>	10:30-11:00	
	A.5 Welcome Addresses from Supporters	11:00-11:15	Paolo Mazzanti (moderator)
	A.6 Systematic Approach to Planning Monitoring Programs, Illustrated by a Deep Excavation in a City	11:15-12:20	John Dunicliff
	B.1 Introduction to Contact Systems	12:20-12:45	John Dunicliff
	<i>Lunch Break</i>	12:45-14:00	
	B.2 Vibrating Wire Piezometers: Guidelines and Lessons Learned	14:00-14:45	Tony Simmonds
	B.3 Some Guidelines for Monitoring Displacement and Total Stress	14:45-15:30	Giorgio Pezzetti
	<i>Coffee Break</i>	15:30-16:00	
	B.4 Fiber Optics - Distributed Strain Sensors and Fibre Bragg Gratings	16:00-16:30	Michael Iten
	B.5 Fiber Optics - Distributed Temperature and Long Gauge Sensors	16:30-17:00	Daniele Inaudi
	NT.1 New Trends in Contact Monitoring with presentations by Partners	17.00-17.45	John Dunicliff (moderator)
	<i>Welcome Party</i>	18.00	
	Sessions "A": Basic Concepts of Geotechnical and Structural Monitoring		
	Sessions "B": Contact Monitoring		
	Sessions "NT": New Trends in Monitoring		

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Wednesday, 8 June, 2016

	<i>Networking and exhibition with coffee, tea and snack</i>	8:00-9:00	
	C.1 Introduction to Remote Systems	9:00-9:15	Paolo Mazzanti
	C.2 Monitoring of Displacements by Topographic and GNSS Systems	9:15-10:00	Martin Beth
	C.3 Monitoring of Displacements by Laser Scanner	10:00-10:20	Sarah Owen
	<i>Coffee Break</i>	10:20-10:50	
	C.4 Monitoring of Displacements by Radar Systems	10:50-11:50	Paolo Mazzanti
	D.1 Fundamentals of Vibration Monitoring: Things to Consider	11:50-12:40	Andrea Bellino
	<i>Lunch Break</i>	12:40-13:55	
	D.2 Fundamentals of Data Acquisition Systems (Including Wireless Systems): Things to Consider	13:55-14:20	Iain Oakes-Green
	D.3 Fundamentals of Web-based Data Management for Instrumentation: Things to Consider	14:20-14:45	Andres Thorarinsson
	D.4 Underwater Monitoring	14:45-15:35	Per Magnus Sparrevik
	<i>Coffee Break</i>	15:35-16:05	
	NT.2 New Trends in Remote Monitoring with presentations by Partners	16:05-16:50	Paolo Mazzanti (moderator)
	NT.3 New Trends in Data Acquisition and Management Systems with presentations by Partners	16:50-17:35	John Dunncliff & Paolo Mazzanti (moderators)

 Sessions "C": Remote Monitoring

 Sessions "D": Vibration monitoring, offshore monitoring and data transmission and management

 Sessions "NT": New Trends in Monitoring

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Thursday, 9 June, 2016

	<i>Networking and exhibition with coffee, tea and snack</i>	8:00-9:00	
	E.1 Case Histories and Lessons Learned – implementation of monitoring systems for mining and major infrastructures	9:00-9:35	Martin Dupuis
	E.2 Case Histories and Lessons Learned by Users with presentations by Participants	9:35-11:00	John Dunicliff & Paolo Mazzanti (moderators)
	<i>Coffee Break</i>	11:00-11:30	
	E.3 Case Histories and Lessons Learned – the Role of Monitoring for the Control of Geotechnical Construction and for the Assurance of Safety and Performance	11:30-12:15	John Burland
	E.4 Workshop on Systematic Planning of a Monitoring Program, for an Embankment on Soft Ground	12:15-13:30	John Dunicliff (moderator)
	<i>Lunch Break</i>	13:30-14:45	
	E.5 Case Histories and Lessons Learned by Users with presentations by Participants	14:45-15:45	John Dunicliff & Paolo Mazzanti (moderators)
	E.6 Open Forum	15:45-16:00	John Dunicliff & Paolo Mazzanti (moderators)
	<i>Coffee Break</i>	16:00-16:30	
	E.7 Case Histories and Lessons Learned – Structural Health Monitoring to Extend the Safe Working Life of Infrastructure	16:30-17:05	Susan Taylor
	E.8 Closing Remarks	17:05-17:30	John Dunicliff & Paolo Mazzanti

 Sessions "E": Case Histories and Interactive Sessions