Tuesday, 7 June, 2016

**Registration and networking with coffee, tea and snack**
8:00-9:00

- **A.1 Welcome and Introduction**
  9:00-9:20
  John Dunnicliff & Paolo Mazzanti

- **A.2 Overview of Monitoring – Part 1**
  9:20-9:40
  John Dunnicliff

- **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 Dunnicliff (moderator)

**Coffee Break**
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 Dunnicliff

**Lunch Break**
12:45-14:00

- **B.1 Introduction to Contact Systems**
  12:20-12:45
  John Dunnicliff

- **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

**Coffee Break**
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 Dunnicliff (moderator)

**Welcome Party**
18.00
## Course Schedule

**Wednesday, 8 June, 2016**

<table>
<thead>
<tr>
<th>Session</th>
<th>Title</th>
<th>Time</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td></td>
<td>Networking and exhibition with coffee, tea and snack</td>
<td>8:00-9:00</td>
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<tr>
<td>C.1</td>
<td>Introduction to Remote Systems</td>
<td>9:00-9:15</td>
<td>Paolo Mazzanti</td>
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<tr>
<td>C.2</td>
<td>Monitoring of Displacements by Topographic and GNSS Systems</td>
<td>9:15-10:00</td>
<td>Martin Beth</td>
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<tr>
<td>C.3</td>
<td>Monitoring of Displacements by Laser Scanner</td>
<td>10:00-10:20</td>
<td>Sarah Owen</td>
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<td>Coffee Break</td>
<td>10:20-10:50</td>
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<tr>
<td>C.4</td>
<td>Monitoring of Displacements by Radar Systems</td>
<td>10:50-11:50</td>
<td>Paolo Mazzanti</td>
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<tr>
<td>D.1</td>
<td>Fundamentals of Vibration Monitoring: Things to Consider</td>
<td>11:50-12:40</td>
<td>Andrea Bellino</td>
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<td>Lunch Break</td>
<td>12:40-13:55</td>
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<tr>
<td>D.3</td>
<td>Fundamentals of Web-based Data Management for Instrumentation: Things to Consider</td>
<td>14:20-14:45</td>
<td>Andres Thorarinsson</td>
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<td>D.4</td>
<td>Underwater Monitoring</td>
<td>14:45-15:35</td>
<td>Per Magnus Sparrevik</td>
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<td>Coffee Break</td>
<td>15:35-16:05</td>
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<tr>
<td>NT.2</td>
<td>New Trends in Remote Monitoring with presentations by Partners</td>
<td>16:05-16:50</td>
<td>Paolo Mazzanti (moderator)</td>
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<tr>
<td>NT.3</td>
<td>New Trends in Data Acquisition and Management Systems with presentations by Partners</td>
<td>16:50-17:35</td>
<td>John Dunnicliff &amp; Paolo Mazzanti (moderators)</td>
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### Sessions

- **“C”**: Remote Monitoring
- **“D”**: Vibration monitoring, offshore monitoring and data transmission and management
- **“NT”**: New Trends in Monitoring
Thursday, 9 June, 2016

 Networking and exhibition with coffee, tea and snack 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 Dunnicliff & Paolo Mazzanti (moderators)

Coffee Break 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 Dunnicliff (moderator)

Lunch Break 13:30-14:45

 - E.5 Case Histories and Lessons Learned by Users with presentations by Participants 14:45-15:45  John Dunnicliff & Paolo Mazzanti (moderators)
 - E.6 Open Forum 15:45-16:00  John Dunnicliff & Paolo Mazzanti (moderators)

Coffee Break 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 Dunnicliff & Paolo Mazzanti