

39th Annual Short Course: Grouting Fundamentals and Current Practice EN18017

Monday, February 12, 2018

- 08:00 – 08:10 a.m. Opening Remarks – **Scott Kieffer / Chadi El Mohtar**
- 08:10 – 09:40 a.m. Introduction to Grouting – **James Warner**
- 09:50 – 11:20 a.m. Grout Types and Rheology – **Chadi El Mohtar**
- 11:30 – 12:30 p.m. Cementitious Grout Materials & Mix Design – **Stephane Gonichon**
- 12:30 – 01:30 p.m. Lunch
- 01:30 – 03:10 p.m. Chemical Grout Materials and Applications – **James Warner / Scott Anderson**
- 03:20 – 03:55 p.m. Foaming Agents and Cellular Grouts – **Milton Gomez**
- 04:00 – 05:00 p.m. Engineering Geologic Considerations for Rock Mass Grouting – **Scott Kieffer**
- 05:15 – 06:45 p.m. Icebreaker Reception

Tuesday, February 13, 2018

- 08:00 – 09:50 a.m. Cement Grouting in Rock – **Trent Dreese**
- 10:00 – 11:00 a.m. The GIN Method of Rock Grouting – **Maren Katterbach**
- 11:05 – 11:50 a.m. Aperture Controlled Grouting – **Grant Bonin/Vafa Rombough**
- 11:50 – 12:50 p.m. Lunch
- 12:50 – 01:40 p.m. Recent Advantages in Grouting Technology – **Trent Dreese**
- 01:50 – 02:40 p.m. Case Histories - Dam Remediation Projects – **Trent Dreese**
- 02:50 – 04:40 p.m. Limited Mobility Grouting – **James Warner**
- 04:45– 05:30 p.m. Slab Jacking and Grout Jacking – **Michael Miluski**

Wednesday, February 14, 2018

- 08:00 – 09:00 a.m. Compaction Grouting – **Joe Harris**
- 09:10 – 09:50 a.m. Nondestructive Verification and Quantification of Ground Improvements –
Kenneth Stokoe
- 10:00 – 11:20 a.m. Compensation Grouting – **Cliff Kettle**
- 12:00 – 05:00 p.m. Field Demonstration (with lunch)

Thursday, February 15, 2018

- 7:15 – 8:00 a.m. Continental Breakfast
- 08:00 – 09:30 a.m. Permeation Grouting of Soils – **Cliff Kettle**
- 09:40 – 10:40 a.m. Evolution of Small Hole Drilling – **Donald Bruce**
- 10:50 – 11:50 a.m. Rock Anchors for Dams – **Donald Bruce**
- 11:50 – 12:50 p.m. Lunch
- 12:50 – 01:35 p.m. High Capacity Anchors in Soils and Weak Rock (SBMA) – **Devon Mothersille**
- 01:45 – 02:30 p.m. Micropiles – **Donald Bruce**
- 02:40 – 04:10 p.m. Cutoff Walls & Composite Seepage Barriers – **Donald Bruce**
- 04:20 – 05:00 p.m. Crisis Management – **Donald Bruce**

Friday, February 16, 2018

- 08:00 – 10:00 a.m. Jet Grouting – **George Burke**
- 10:10 – 11:00 a.m. Grouting Instrumentation – **Etienne Constable**
- 11:10 – 12:30 p.m. Pre-Excavation Grouting in Rock Tunnels – **Hans-Olav Hognestad**
- 12:30 – 01:00 p.m. Lunch
- 01:00 – 01:50 p.m. Post-Excavation Grouting in Underground Construction – **Scott Kieffer**
- 02:00 – 03:00 p.m. Grouting for Ground Control in Underground Construction – **Paul Schmall**
- 03:00 – 03:30 p.m. Closing Remarks – **Scott Kieffer / Chadi El Mohtar / Sam Bandimere**