



38th Annual Short Course: Grouting Fundamentals & Current Practice

May 15-19, 2017

The University of Texas at Austin

Course Agenda

Monday, May 15, 2017

7:15 – 8:00 a.m.	Registration with Light Breakfast
8:00 – 8:10 a.m.	Opening Remarks – Kieffer / El Mohtar
8:10 – 9:40 a.m.	Introduction to Grouting – Warner
9:50 – 11:20 a.m.	Grout Types and Rheology - El Mohtar
11:30 – 12:30 p.m.	Cementitious Grout Materials & Mix Design – Gonichon
12:30 – 1:30 p.m.	Lunch
1:30 – 3:10 p.m.	Chemical Grout Materials and Applications – Warner / Anderson
3:20 – 3:55 p.m.	Foaming Agents and Cellular Grouts – Gomez
4:00 – 5:00 p.m.	Engineering Geologic Considerations for Rock Mass Grouting – Kieffer
5:15 – 6:45 p.m.	Icebreaker Reception

Tuesday, May 16, 2017

8:00 – 9:40 a.m.	Cement Grouting in Rock – Dreese
9:50 – 10:50 a.m.	The GIN Method of Rock Grouting – Katterbach / Gazzarrini
11:00 – 11:45 a.m.	Aperture Controlled Grouting – Carter
11:45 – 12:45 p.m.	Lunch
12:45 – 1:30 p.m.	Quantitative Design of Grout Curtains – Dreese
1:40 – 2:30 p.m.	Recent Advantages in Grouting Technology – Dreese
2:40 – 3:30 p.m.	Case Histories - Dam Remediation Projects – Dreese
3:40 – 5:30 p.m.	Limited Mobility Grouting – Warner

Wednesday, May 17, 2017

8:00 – 9:00 a.m.	Compaction Grouting – Harris
9:10 – 9:50 a.m.	Slab Jacking and Grout Jacking – Miluski
10:00 – 11:20 a.m.	Compensation Grouting – Kettle
12:00 – 5:00 p.m.	Field Demonstration

Thursday, May 18, 2017

8:00 – 9:30 a.m.	Permeation Grouting of Soils – Kettle
9:40 – 10:40 a.m.	Drilling for Grouting Operations – Bruce
10:50 – 11:50 a.m.	Rock Anchors for Dams – Bruce
11:50 – 12:50 p.m.	Lunch
12:50 – 1:35 p.m.	High Capacity Anchors in Soils and Weak Rock (SBMA) – Mothersille
1:45 – 2:30 p.m.	Micropiles – Bruce
2:40 – 4:10 p.m.	Cutoff Walls & Composite Seepage Barriers – Bruce
4:20 – 5:00 p.m.	Crisis Management – Bruce



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Friday, May 19, 2017

8:00 – 9:20 a.m.	Jet Grouting – Ivanetich
9:30 – 10:05 a.m.	Jet Grouting (continued) – Gazzarrini
10:10 – 11:00 a.m.	Grouting Instrumentation – Choquet
11:10 – 12:30 p.m.	Pre-Excavation Grouting in Rock Tunnels – Hognestad
12:30 – 1:00 p.m.	Lunch
1:00 – 1:50 p.m.	Post-Excavation Grouting in Underground Construction – Kieffer
2:00 – 3:00 p.m.	Grouting for Ground Control in Underground Construction – Schmall
3:00 – 3:10 p.m.	Closing Remarks – Kieffer / El Mohtar
