

Workshop on Nondestructive Testing: Advanced Methods for
Evaluation of Concrete
World of Concrete, January 22-23, 2018
Presentation Schedule

Module	Topic	Start	End
Monday, January 22, 2018			
1	Introduction	8:00	8:20
2	Pullout Test (LOK-Test, CAPO-Test)	8:20	9:00
3	Pull-off Test	9:00	9:20
	Demonstrations (Pullout, Pull-off)	9:20	10:20
	Break	10:20	10:40
4	In-Place Strength-Case Study	10:40	11:05
5	Covermeters	11:05	11:35
	Lunch	11:35	12:50
6	Ground Penetrating Radar	12:50	13:35
	Demonstration (Covermeter and GPR)	13:35	14:20
7	Introduction to Stress Waves	14:20	15:00
8	Ultrasonic Pulse Velocity	15:00	15:35
	Break	15:35	15:55
	Demonstrations (UPV, Surfer)	15:55	16:15
9	Impact-Echo Method	16:15	17:00
Tuesday, January 23, 2018			
10	Impulse-Response Method	8:00	8:30
11	Ultrasonic-Echo Method (MIRA)	8:30	9:05
	Demonstrations (I-E, I-R, MIRA)	9:05	10:05
12	Principles for Durability, Water Penetration	10:05	10:40
	Break	10:40	10:55
13	Corrosion Basics, Chlorides, Carbonation	10:55	11:35
14	Chloride Profile & Service Life Estimation	11:35	12:15
	Lunch	12:15	13:30
	Demonstrations (Profile Grinder & RCT)	13:30	13:50
15	Half-cell Potential, Resistivity & Corrosion Rate	13:50	14:30
16	Rapid Chloride Ion Penetration and Conductivity	14:30	15:00
	Demonstrations (GalvaPulse, PROOVE'it, Merlin)	15:00	15:35
	Break	15:35	15:50
17	Autogenous Shrinkage and Cracking Potential	15:50	16:25
18	Thermal Control	16:25	16:50
19	Summary	16:50	17:00