

RILEM TC Workshops on Tuesday 14 April

Auditorium in Building Magnel, Technologiepark-Zwijnaarde 60, 9052 Ghent
(Zwijnaarde)

10:30-12:00 Workshop of RILEM TC 305-PCC ‘Pumping of Concrete’

10.30-10.35:	Introduction of workshop	Geert De Schutter, Ghent University
10.35-11.10:	Overview of RILEM TC 305: PCC STAR	
10.35:	General overview	Dimitri Feys, Missouri S&T
10.40:	Chapter 4: Concrete in pipes: a theoretical background	Daniil Mikhalev, TU Dresden
10.50:	Chapter 6: Pressure predictions and parameters	Arnaud Perrot, Univ. Bretagne-Sud
11.00:	Chapter 7: Effect of pumping on concrete properties	Dengwu Jiao, City Univ. of Hong Kong
11.10-11.35:	Concrete Process Digitalisation in Mega Projects	Bernd Rottmann, Putzmeister
11.35-12.00:	A practical tool for pumping concrete pressure prediction in the construction industry	Fabrice Toussaint, Holcim
12.00:	Closure	Dimitri Feys, Missouri S&T

13 :00-16 :15 Workshop of RILEM TC 317-ACP ‘Active Control of Properties of Fresh and Hardening Cementitious Materials’

Workshop Part I – Overview of the State-of-the-Art Report		
13:00-13:15	Welcome Chapter 1 ‘Introduction to Active Control of Properties of Fresh and Hardening Cementitious Materials’ Chapter 2 ‘Glossary’	Geert De Schutter
13:15-13:30	Chapter 3 ‘Active Control of Rheology of Cementitious Materials’	Dengwu Jiao
13:30-13:45	Chapter 4 ‘Active Control of Setting of Cementitious Materials’	Shravan Muthukrishnan
13:45-14:00	Chapter 5 ‘Active Control of Concrete Shrinkage and Associated Cracking’	Billy Boshoff
14:00-14:15	Chapter 6 ‘Active Control of Concrete Pumping’	Mert Yücel Yardimci
14:15-14:30	Chapter 7 ‘Active Control of Formwork Casting of Cementitious Materials’	Angela Tetteh Tawiah
14:30-14:45	Chapter 8 ‘Active Control of 3D Printing of Cementitious Materials’	Yi Zhang
14:45-15:00	Chapter 9 ‘Active Control of Cementitious Slabs and Roads’	Didier Snoeck + Dimitris Aggelis
Workshop Part II – Free presentations		
15:30-15:50	Active rheology control of cementitious materials: New insights from magneto-responsive aggregates	Yiyuan Zhang
15:50-16:10	The combined use of co-milling and superabsorbent polymers (SAPs) as a method for producing active, ready-to-use cementitious materials’	Dali Bondar
16:10-16:15	Wrap-up of workshop	Geert De Schutter