

Course on *fib* Bulletin 80: Partial factor methods for existing concrete structures



05.02.2019 to 06.02.2019, Politecnico di Torino, Italy

Organized by *fib* Task Group 3.1 “Reliability and safety evaluation: full-probabilistic and semi-probabilistic methods for existing structures”

Course plan

Start: 5 February 11h00
Finish: 6 February 15h00

DAY 1 Tuesday 5 February	
11:00 – 11:15	Introduction <i>Robby Caspeele and Giuseppe Mancini</i>
11:15 – 12:30	General framework for partial factor methods <i>Diego Allaix</i>
12:30 – 13:30	Lunch
13:30 – 14:30	Target reliability levels for existing structures <i>Raphaël Steenbergen</i>
14:30 – 15:30	The Design Value Method <i>Miroslav Sykora</i>
15:30 – 16:00	Coffee break
16:00 – 17:00	The Adjusted Partial Factor Method <i>Robby Caspeele</i>

DAY 2 Wednesday 6 February	
8:30 – 9:15	Numerical validation, scope and limitations <i>Miroslav Sykora and Robby Caspeele</i>
9:15 – 10:30	Case study of existing RC bridges <i>Paolo Castaldo, Diego Gino</i>
10:30 – 11:00	Coffee break
11:30 – 12:30	Actual conditions, prior information, updating and other true stories <i>Miguel Prieto / Peter Tanner</i>
12:30 – 13:30	Lunch
13:30 – 15:00	Ongoing matters in <i>fib</i> TG3.1 for the reliability based assessment of existing structures

Registration & Fee

Participants are requested to **register by 15 December at latest** by sending an email to paolo.castaldo@polito.it and diego.gino@polito.it. Participants receive a separate e-mail from *fib* with the specifications how to pay the course fee (350 Euro including lunches and coffee breaks). Reduced fee for Ph.D. students 300 EUR. The registration fee includes a printed version of *fib* Bulletin 80.

Location

“Aula Albenga”

Department of Structural, Geotechnical and Building Engineering - (Door 1)

Politecnico di Torino

Corso Duca degli Abruzzi, 24 - 10129 Torino, ITALY