


ECCS COURSE ON FIRE DESIGN OF STEEL STRUCTURES

Venue:  Rue du Fosse-aux-Loups 47 B-1000 Brussels

Reference book: Fire Design of Steel Structures, 2nd Edition
ECCS Eurocode Design Manuals, Ernst & Sohn a Wiley Brand, 2015.

Speakers: Prof. Jean-Marc Franssen, University of Liege, Belgium
Prof. Paulo Vila Real, University of Aveiro, Portugal

PROGRAM

27 MAY 2019

08.30 Welcome coffee		
09.00 INTRODUCTION AND BASIC CONCEPTS (Paulo Vila Real)		13.30 MAIN CONCEPTS OF THERMAL ANALYSIS ACCORDING TO ADVANCED MODELS (Jean-Marc Franssen)
09.30 THERMAL ACTIONS ACCORDING PART 1-2 OF EUROCODE 1 (Paulo Vila Real)		15.30 Coffee break
11.00 Coffee break		15.45 EXAMPLES OF THERMAL ANALYSIS WITH THE FINITE ELEMENT SOFTWARE SAFIR® (Jean-Marc Franssen)
11.15 THERMAL ANALYSIS ACCORDING TO SIMPLE MODELS OF EN 1993-1-2 (Paulo Vila Real)		17.00 End
12.45 Lunch		

28 MAY 2019

08.30 Welcome coffee		
09.00 MECHANICAL ACTIONS (Paulo Vila Real)		13.30 MAIN CONCEPTS OF MECHANICAL ANALYSIS ACCORDING TO ADVANCED MODELS (Jean-Marc Franssen)
09.30 MECHANICAL ANALYSIS ACCORDING TO SIMPLE MODELS OF EN 1993-1-2 (Paulo Vila Real)		15.30 Coffee break
11.00 Coffee break		15.45 EXAMPLES OF MECHANICAL ANALYSIS WITH THE FINITE ELEMENT SOFTWARE SAFIR® (Jean-Marc Franssen)
11.15 CASE STUDY		16.45 Conclusion of the training course
12.45 Lunch		17.00 End