



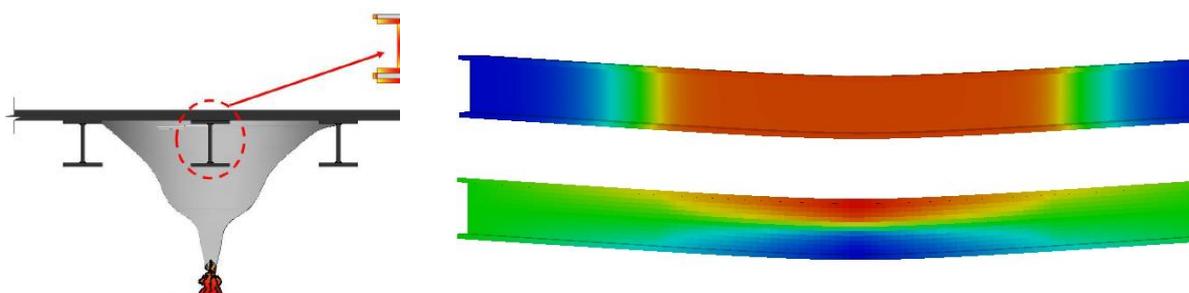
SPLIT SUMMER SCHOOL 2023

COURSE: STRUCTURAL FIRE ENGINEERING ANALYSIS

Contact person: Ivana Uzelac Glavinić
phone: +385 95 841 2457
mail: ivana.uzelac@gradst.hr

Main topics:

- Introduction to fire engineering analysis
- Heat transfer modelling
- Structural fire analysis
- Prescriptive based design of structures



Programme structure:

- 5-day course
- Lecture notes for each of the modules will be distributed to the students

Important dates:

Course dates: 04/09/2023 – 08/09/2023

Deadline for application: 25/07/2023

Confirmation of the course: 04/08/2023

Payment due by: 25/08/2023

Price of the course:

300 € (tax included)

Programme plan:

Day 1

- Introduction to fire engineering analysis (2h)
- Heat transfer modelling – EN1991-1-2, EN1993-1-2 (2h)

Programme lecturers:

Ph. D. Neno Torić M. Civ. Eng,
Associate professor at the University of
Split, Faculty of Civil Engineering,

- Individual work/exercise (2h)
- Day 2
- Structural fire design of steel structures – EN1993-1-2 (2h)
- Individual work/exercise (4h)
- Day 3
- Structural fire design of concrete structures – EN1992-1-2 (2h)
- Individual work/exercise/final project (4h)
- Day 4
- FEM modelling of structures exposed to fire (1h)
 - Individual work/exercise/final project (5h)
- Day 5
- Prescriptive vs. performance based engineering (1h)
 - Final project (3h)
 - Project presentation (2h)

Architecture and Geodesy, Department of Metal and Timber Structures, Split, Croatia.

Ph. D. Ivica Boko M. Civ. Eng,
Professor at the University of Split,
Faculty of Civil Engineering, Architecture
and Geodesy, Department of Metal and
Timber Structures, Split, Croatia.

Ph. D. Ivana Uzelac Glavinić M. Civ. Eng,
Assistant professor at the University of
Split, Faculty of Civil Engineering,
Architecture and Geodesy, Department of
Metal and Timber Structures, Split,
Croatia.

Marko Goreta M. Civ. Eng.,
Teaching/research assistant at the
University of Split, Faculty of Civil
Engineering, Architecture and Geodesy,
Department of Metal and Timber
Structures, Split, Croatia.