

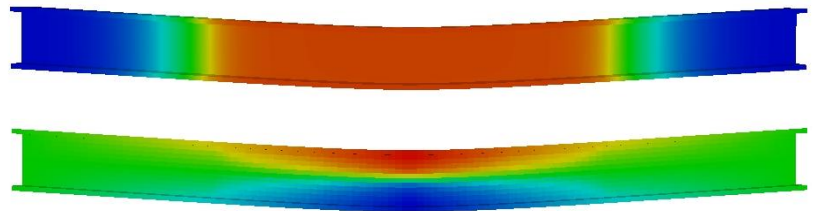
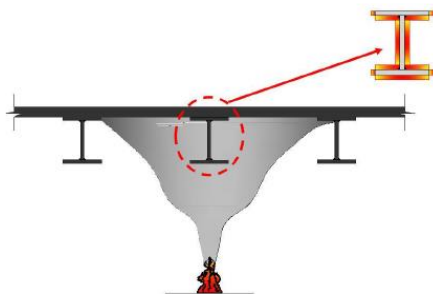


**COURSE: STRUCTURAL FIRE ENGINEERING ANALYSIS**

**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: 05/09/2022 – 09/09/2022  
Deadline for application: 22/07/2022  
Confirmation of the course: 02/08/2022  
Payment due by: 22/08/2022

**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)
  - 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)

**Programme lecturers:**

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

- Final project (3h)
- Project presentation (2h)

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