



An intensive course for graduate students and researchers

# MODELING OF LOCALIZED INELASTIC DEFORMATION

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**PLACE:** PRAGUE, CZECHIA  
**TIME:** 4-6 AND 8-10 SEPTEMBER 2025



Starting from 2025, this traditional course will be taught in a new format composed of two parts that can be attended separately:

**PART I:**  
**MODELING**  
**OF INELASTIC DEFORMATION**  
**4-6 SEPTEMBER (THU-SAT)**

**PART II:**  
**OBJECTIVE MODELING**  
**OF LOCALIZED FAILURE**  
**8-10 SEPTEMBER (MON-WED)**

## CONTENT:

- The **first part** provides an overview of modeling approaches used in the mechanics of inelastic materials and structures, in particular in plasticity and damage mechanics.
- The **second part** focuses on objective description of highly localized deformation modes such as cracks or shear bands using regularized models (e.g., nonlocal, gradient-enriched, phase-field).

**JOIN NOW**

## CONTACT AND REGISTRATION:

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