



An intensive course for graduate students and researchers

MODELING OF LOCALIZED INELASTIC DEFORMATION

INSTRUCTOR: MILAN JIRÁSEK
PLACE: PRAGUE, CZECHIA
TIME: 10-12 AND 14-16 SEPTEMBER 2026



This traditional course (established in 2004) is now taught in a new format composed of two parts that can be attended separately:

PART I:
MODELING
OF INELASTIC DEFORMATION
10-12 SEPTEMBER (THU-SAT)

PART II:
OBJECTIVE MODELING
OF LOCALIZED FAILURE
14-16 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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