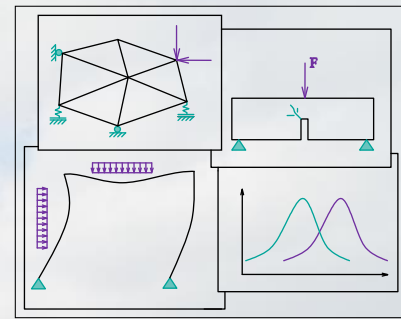


**VSB TECHNICAL
UNIVERSITY
OF OSTRAVA**

**FACULTY
OF CIVIL
ENGINEERING**

**DEPARTMENT
OF STRUCTURAL
MECHANICS**



23RD ANNUAL OF INTERNATIONAL SCIENTIFIC CONFERENCE

MODELLING IN MECHANICS

28 TO 30 MAY 2025

OSTRAVICE, MORAVIAN-SILESIA BESKIDS



INFORMATIONS:

www.fast.vsb.cz/228/en/mmconference/

At the conference, experts can present and publish original research and development papers focused on various aspects of mechanics and modelling of building structures:

- development and application of numerical methods in mechanics,
- methods used in solution of extensive tasks dealing with mechanics of continuum,
- numerical modelling of static and dynamic behaviors of concrete, brick, steel, timber and composite civil engineering structures,
- interaction between subsoil and civil engineering structures,
- influence of underground structures on buildings and ground facilities,
- loading and structural responses under extreme conditions,
- rehabilitation, reconstruction and reinforcement of load-carrying structures of buildings,
- structural statics and dynamics,
- automation of engineering tasks,
- mechanics of materials,
- non-linear mechanics,
- fracture mechanics,
- experimental verification of structures,
- modelling of structures exposed to high temperatures, incl. fire resistance,
- reliability and probability tasks in mechanics,
- analysis of durability and sustainability of building materials and structures,
- the environmental and human impact of traditional and new materials,
- nanomaterials and 3D printing in construction.

