

## **Training school in Ostrava (FABEST LCF) – final program**

### **Day 1 – Tuesday 28.07.2026**

*Assembly Hall (UA3), VSB-Technical University of Ostrava, scan for navigation:*



**08:30–9:00 – Participants registration**

**9:00–9:30 – Opening ceremony / R. Halama, greetings from university/faculty leadership**

**9:30–10:30 – Training session / R. Halama – Introducing FABEST LCF rules and fatigue data**

*10:30–10:45 – Coffee Break*

**10:45–11:30 – Training session / R. Halama – Uniaxial and multiaxial LCF testing**

**11:30–12:00 – Sponsor session / R. Souček – Mercury RT Digital Image Correlation SW**

*12:00–13:00 – Lunch*

**13:00–14:00 – Lecture 1 / Ł. Pejkowski - Multiaxial LCF including non-standard strain paths**

**14:00–14:45 – Training session / R. Halama – Python codes for evaluation of LCF tests**

*14:45 –15:00 – Coffee Break*

**15:00–16:00 – Lab Tour at Faculty of Mechanical Engineering**

**16:00–17:00 – Training session / R. Halama – Classic cyclic plasticity models**

**17:00–17:30 – Lecture 2 / Ł. Pejkowski – Calibration of Chaboche model**

*17:30–19:00 – Welcome reception*

**Day 2 – Wednesday 29.07.2026**

*Assembly Hall (UA3), VSB-Technical University of Ostrava*

**8:30–9:30 – Training session / SVS FEM – Calibration of material models using optiSLang**

**9:30–10:15 – Lecture 3 / F. Šebek – Advanced cyclic plasticity models**

*10:15–10:30 – Coffee Break*

**10:30–11:30 – Lecture 4 / N. Khutia – Modeling of mean stress relaxation (online)**

*11:30–12:30 – Lunch*

**12:30–14:30 – Training session / R. Halama – Implementation of cyclic plasticity models**

**into FE codes**

*14:30 –15:00 – Coffee Break*

**15:00–16:30 – Lecture 5 / S. A. Karamanos - Bounding surface models (online)**

**16:30–18:00 – Visit of Dolni Vitkovice area**

*19:00–22:00 – Dinner*

**Day 3 – Thursday 30.07.2026**

*Assembly Hall (UA3), VSB-Technical University of Ostrava*

**9:00–9:30 – Lecture 6 / R. Marek – Distortional plasticity: Experiments and modeling**

**9:30–10:00 – Training session / R. Halama – Introduction to FABEST LCF category B**

*10:00–10:15 – Coffee Break*

**10:15–10:45 – Training session / R. Halama – Uniaxial fatigue damage models**

**10:45–12:00 – Training session / Independent work with data – Q&A session**

*12:00–13:00 – Lunch*

**13:00–14:30 – Lecture 7 / I. Hong – Ratcheting failure**

*14:30–14:45 – Coffee Break*

**14:45–15:45 – Training session / R. Halama – Multiaxial fatigue damage models**

**15:45–16:00 – Closing**

**Contact information:**

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