

Introduction to MPI

(PRACE Training Course)

May 25-27, 2021

**VSU - Technical University of Ostrava
ONLINE**

Lecturers: Ondřej Meca, Žarko Bodroški

Message Passing Interface (MPI) is a dominant programming model on clusters and distributed memory architectures. This course is focused on its basic concepts. In particular, exchanging data by point-to-point and collective operations. Attendees will be able to immediately test and understand these constructs in hands-on sessions.

Tuesday May 25, 2021

9:00 - 15:00 (lunch break included)

- MPI Overview
- Process model
- Messages and point-to-point communication

Wednesday May 26, 2021

9:00 - 15:00 (lunch break included)

- Non-blocking communication
- Collective communication
- Derived datatypes

Thursday May 27, 2021

9:00 - 13:00

- Groups and communicators
- Best practices
- Other features (short tour)



More information & registration
events.it4i.cz/event/116/



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