

Introduction to parallel programming with MPI and OpenMP

Report of Contributions

Contribution ID: 1

Type: **not specified**

Introduction to MPI

Tuesday, 13 August 2024 09:00 (1h 30m)

Presenter: ZJUPA, Jolanta (JSC/FZJ)

Contribution ID: 2

Type: **not specified**

Blocking P2P Communication

Tuesday, 13 August 2024 11:00 (1h 30m)

Presenter: ZJUPA, Jolanta (JSC/FZJ)

Contribution ID: 3

Type: **not specified**

Nonblocking P2P Communication

Tuesday, 13 August 2024 13:30 (1 hour)

Presenter: ZJUPA, Jolanta (JSC/FZJ)

Contribution ID: 4

Type: **not specified**

Blocking Collective Communication

Tuesday, 13 August 2024 15:00 (1h 30m)

Presenter: ZHUKOV, Ilya (JSC)

Contribution ID: 5

Type: **not specified**

Blocking Collective Communication

Presenter: ZJUPA, Jolanta (JSC/FZJ)

Contribution ID: 6

Type: **not specified**

Fundamentals of Parallel Computing

Monday, 12 August 2024 10:30 (1h 30m)

Presenter: ZJUPA, Jolanta (JSC/FZJ)

Contribution ID: 7

Type: **not specified**

Welcome & Technical Setup

Monday, 12 August 2024 09:00 (1 hour)

Contribution ID: 8

Type: **not specified**

Introduction to OpenMP

Monday, 12 August 2024 13:00 (1h 30m)

Presenter: ZHUKOV, Ilya (JSC)

Contribution ID: 9

Type: **not specified**

OpenMP

Monday, 12 August 2024 15:00 (1h 30m)

Presenter: ZHUKOV, Ilya (JSC)

Contribution ID: **10**

Type: **not specified**

Hands-On Tutorial

Friday, 16 August 2024 09:00 (1h 30m)

Contribution ID: **11**

Type: **not specified**

Hands-On Tutorial

Friday, 16 August 2024 11:00 (1h 30m)

Contribution ID: 12

Type: **not specified**

Hands-On Tutorial

Friday, 16 August 2024 13:30 (1 hour)

Contribution ID: 13

Type: **not specified**

Hands-On Tutorial

Friday, 16 August 2024 15:00 (1h 30m)

Contribution ID: 14

Type: **not specified**

Derived datatypes

Wednesday, 14 August 2024 14:30 (2 hours)

Presenter: CHEW, Junxian (Jülich Supercomputer Centre, Forschungszentrum Jülich)

Contribution ID: 15

Type: **not specified**

I/O

Thursday, 15 August 2024 11:00 (1h 30m)

Presenter: CHEW, Junxian (Jülich Supercomputer Centre, Forschungszentrum Jülich)

Contribution ID: 16

Type: **not specified**

Nonblocking Collective Communication

Wednesday, 14 August 2024 09:00 (1 hour)

Presenter: ZHUKOV, Ilya (JSC)

Contribution ID: 17

Type: **not specified**

I/O

Thursday, 15 August 2024 13:30 (1 hour)

Presenter: CHEW, Junxian (Jülich Supercomputer Centre, Forschungszentrum Jülich)

Contribution ID: **18**

Type: **not specified**

Communicators

Wednesday, 14 August 2024 11:00 (1h 30m)

Presenter: ZJUPA, Jolanta (JSC/FZJ)

Contribution ID: **19**

Type: **not specified**

Derived Datatypes

Thursday, 15 August 2024 09:00 (1h 30m)

Presenter: CHEW, Junxian (Jülich Supercomputer Centre, Forschungszentrum Jülich)

Contribution ID: **20**

Type: **not specified**

MUST

Thursday, 15 August 2024 15:00 (1h 30m)

Presenter: KNOBLOCH, Michael (Forschungszentrum Jülich GmbH)

Contribution ID: 21

Type: **not specified**

Hybrid programming

Presenter: ZJUPA, Jolanta (JSC/FZJ)

Contribution ID: 22

Type: **not specified**

HPC resources at JSC (guided tour)

Wednesday, 14 August 2024 10:00 (45 minutes)

Contribution ID: 23

Type: **not specified**

Quantum computer (guided tour)

Wednesday, 14 August 2024 13:30 (45 minutes)