Julia for HPC Workshop - Trial Run

Report of Contributions

https://indico.desy.de/e/euxfel-julia-workshop-trial

Contribution ID: **1** Type: **not specified**

Introduction

Presenter: ROSCA, Robert (Eur.XFEL (European XFEL))

Session Classification: Basics

Contribution ID: **2** Type: **not specified**

Code specialisation

Presenter: ROSCA, Robert (Eur.XFEL (European XFEL))

Session Classification: Basics

Contribution ID: **3** Type: **not specified**

Development Workflows

Presenter: ROSCA, Robert (Eur.XFEL (European XFEL))

Session Classification: Basics

Contribution ID: **4** Type: **not specified**

Performance optimisation

Presenter: ROSCA, Robert (Eur.XFEL (European XFEL))

Session Classification: Serial

Contribution ID: **5** Type: **not specified**

SIMD

Presenter: ROSCA, Robert (Eur.XFEL (European XFEL))

Session Classification: Serial

Contribution ID: **6** Type: **not specified**

Linear algebra

Presenter: ROSCA, Robert (Eur.XFEL (European XFEL))

Session Classification: Serial

Contribution ID: **7** Type: **not specified**

Distributed computing

Presenter: ROSCA, Robert (Eur.XFEL (European XFEL))

Session Classification: Parallel

Contribution ID: **8** Type: **not specified**

MPI

Presenter: ROSCA, Robert (Eur.XFEL (European XFEL))

Session Classification: Parallel

Contribution ID: **9** Type: **not specified**

Multithreading

Presenter: ROSCA, Robert (Eur.XFEL (European XFEL))

Session Classification: Parallel

Contribution ID: **10** Type: **not specified**

Introduction

Presenter: ROSCA, Robert (Eur.XFEL (European XFEL))

Session Classification: Basics

Contribution ID: **11** Type: **not specified**

Performance optimisation

Session Classification: Serial

Contribution ID: **12** Type: **not specified**

Distributed computing

Presenter: ROSCA, Robert (Eur.XFEL (European XFEL))

Session Classification: Parallel

Contribution ID: **13** Type: **not specified**

Linear Algebra