

PREVIOUS TRAINING COURSES & WORKSHOPS



EuroHPC
Joint Undertaking

Projeto co-financiado pela European HPC Joint Undertaking (EuroHPC JU) e pelos países participantes. A EuroHPC JU recebe apoio do programa Europa Digital e da Bulgária, Áustria, Croácia, Chipre, República Checa, Dinamarca, Estónia, Finlândia, Alemanha, Grécia, Hungria, Irlanda, Itália, Lituânia, Letónia, Polónia, Portugal, Roménia, Eslovénia, Espanha, Suécia, França, Países Baixos, Bélgica, Luxemburgo, Eslováquia, Noruega, Suíça, Turquia, República da Macedónia do Norte, Islândia, Montenegro e Sérvia.



2026

JANUARY

07 JAN Governance of Research Data from Academia, Enterprises, and Public
Organizations [[+info](#)]

FEBRUARY

22 FEB First Steps to Learn Julia [[+info](#)]

MARCH

08-15 MAR Introduction to Programming with Julia [[+info](#)]
13-14 MAR Introdução à Computação Paralela com OpenMP – C++ [[+info](#)]
20 MAR Using the OBLIVION Supercomputer in the Alentejo Research Data Center [[+info](#)]
26 MAR Vienna Ab-initio Simulation Package and Applications 2025 [[+info](#)]

APRIL

03-04 APR Introdução à Computação Paralela com OpenMP – Fortran [[+info](#)]
08 APR Introduction to HPC [[+info](#)]
09 APR Advanced Job Submission in HPC [[+info](#)]
11 APR Introduction to Markdown [[+info](#)]

MAY

12 MAY Motivation for Parallel Programming with Julia [[+info](#)]
26 MAY Transforming Knowledge Through Advanced Computing [[+info](#)]
26-28 MAY The High-Performance Computing Chair: Transforming Knowledge Through Advanced Computing [[+info](#)]
27 MAY HPC Chair Research Data Collection/Alentejo Research Data Centre [[+info](#)]
27 MAY Square Kilometre Array – Cutting Edge Astronomical Facilities & Advanced Computing [[+info](#)]
28 MAY Digital Humanities – Innovation with Advanced Computing [[+info](#)]
29 MAY-06JUN Introdução ao Processamento de Dados com Apache Spark [[+info](#)]

JUNE

14-21 JUN Introduction to Parallel Programming with Julia [[+info](#)]
17-20 JUN Simulations of Biological Systems with GROMACS [[+info](#)]

JULY

16 JUL Fundamentals of Data Governance [[+info](#)]
25 JUL Using OBLIVION Supercomputer – An Introduction with Practical Examples [[+info](#)]

SEPTEMBER

25-26 SEP Introdução à Computação Paralela com o OpenMP – Fortran [[+info](#)]

OCTOBER

01 OCT Digital Humanities – Literatura Data Collection [[+info](#)]
08 OCT Digital Humanities – Heritage Data Collection [[+info](#)]
15 OCT Tourism Data Collection [[+info](#)]
16-24 OCT Introdução ao Processamento de Dados com Apache Spark [[+info](#)]
22 OCT Atomic Physics Data Collection [[+info](#)]
29 OCT Astrophysical Simulations Data Collection [[+info](#)]

NOVEMBER

05 NOV (Bio)Molecular Simulations Data Collection [[+info](#)]
12 NOV Health & Sport Data Collection and Health Data Governance and Ethics [[+info](#)]
13 NOV Using the OBLIVION Supercomputer for Data Processing [[+info](#)]
19 NOV Data Storage, Management, and Processing in the ARDC [[+info](#)]
26 NOV Materials Science and Nano-Mineralogy Data Collection [[+info](#)]
28 NOV Using Containers in HPC [[+info](#)]

DECEMBER

02 DEC Parallel I/O with Julia and Fortran [[+info](#)]
03 DEC Mineral Resources Data Collection [[+info](#)]
10 DEC Astronomy Data Collection – Land and Space Based Observational Data [[+info](#)]
17 DEC ARDC Data Collections & Governance [[+info](#)]
18 DEC How FAIR Can Research Data Be? [[+info](#)]



2024

JANUARY

23 JAN Advanced Use of Containers in HPC [[+info](#)]
27 JAN-17 FEB Programming in Julia for Digital Humanities & Social Sciences [[+info](#)]

FEBRUARY

06-08 FEB 2nd Edition of the Course on Computational Biosciences using HPC Systems [[+info](#)]
14-15 FEB Vienna Ab-initio Simulation Package (VASP) and Applications [[+info](#)]
22 FEB Using Supercomputers [[+info](#)]
27 FEB INCD Cloud Services [[+info](#)]

MARCH

21 MAR Adaptative & Block Mesh Refinement in Gas Dynamics Modelling [[+info](#)]

APRIL

23 APR Software Stack and Environment Modules [[+info](#)]

JUNE

04 JUN Simulating the Future – workshop on computational simulation using ANSYS [[+info](#)]
04 JUN Introduction to Computational Fluid Dynamics [[+info](#)]
06 JUN Using the OBLIVION Supercomputer [[+info](#)]
11-13 JUN Gromacs and Molecular Dynamics Simulations of Biomembranes [[+info](#)]
20 JUN Introdução ao Cluster de Inteligência Artificial VISION [[+info](#)]
27 JUN Quality in Research Software [[+info](#)]

SEPTEMBER

09-11 SEP MPI for Python [[+info](#)]
17 SEP OBLIVION Software Stack and Environment Modules [[+info](#)]
27-28 SEP Digital Humanities – XML-TEI encoding approaches applied to folk literature [[+info](#)]

OCTOBER

- 02 OCT HPC for Beginners [[+info](#)]
- 04 OCT Introdução do Cluster de Inteligência Artificial VISION [[+info](#)]
- 09-30 OCT Digital Humanities – Text Analysis in History and Cultural Heritage: An Introduction for Non-Programmers [[+info](#)]
- 14-31 OCT Introdução ao OpenMP com Fortran [[+info](#)]
- 28-30 OCT IBERGRID 2024 [[+info](#)]

NOVEMBER

- 11-29 NOV Introdução ao SYCL [[+info](#)]
- 14 NOV Introduction to HPC [[+info](#)]
- 14 NOV Advanced Job Submission in HPC [[+info](#)]
- 20 NOV Using Containers in HPC [[+info](#)]
- 26-28 NOV EuroCC/BioExcel Workshop: software tools for intermediate to advanced users [[+info](#)]
- 27-28 NOV Computational Modeling of Catalysis: Challenges and Opportunities [[+info](#)]
- 30 NOV-14 DEC Introdução ao RStudio – Ambientes Desktop e HPC [[+info](#)]

DECEMBER

- 04 DEC Advanced use of Containers in HPC [[+info](#)]

DECEMBER

2023

18 DEC Collisional + Photo Ionisation Plasma Emission Software (CRIPES) [[+info](#)]

NOVEMBER

27-28 NOV Quantum Espresso: Applications for Material Sciences & Chemistry [[+info](#)]
23 NOV ERASMUS + Advanced Computing Consortium – Mobilities to Europe [[+info](#)]
10 NOV Using Containers in HPC [[+info](#)]

OCTOBER

30 OCT ERASMUS + Advanced Computing Consortium – Mobilities to Europe [[+info](#)]
17 OCT Advanced Job Submission in HPC [[+info](#)]
17 OCT Introduction to HPC [[+info](#)]
16 OCT The OBLIVION Supercomputer: A course for new users [[+info](#)]

SEPTEMBER

12-13 SEP Computational Chemistry Modelling and Simulations of Finite Systems [[+info](#)]

JULY

26 JUL ERASMUS + Advanced Computing Consortium – Mobilities to Europe [[+info](#)]

JUNE

20 JUN Using the OBLIVION Supercomputer [[+info](#)]
07 JUN ERASMUS + Advanced Computing Consortium – Mobilities to Europe [[+info](#)]

MAY

31 MAY Using Supercomputers & The Study of the Interstellar Medium in the Milky Way [[+info](#)]
11 MAY ERASMUS + Advanced Computing Consortium – Mobilities to Europe [[+info](#)]

APRIL

13-29 APR Programming in Julia for Digital Humanities & Non-technical Sciences [[+info](#)]

MARCH

- 29 MAR Using OBLIVION: An Introductory Course [[+info](#)]
- 27-29 MAR Programming and Data Infrastructure in Digital Humanities [[+info](#)]
- 24 MAR Electronic Structure Software with Gaussian Based Basis-sets [[+info](#)]
- 08 MAR ERASMUS + Advanced Computing Consortium – Mobilities to Europe [[+info](#)]
- 03 MAR OBLIVION Supercomputer: A Tutorial for New Users [[+info](#)]

FEBRUARY

- 09 FEB ERASMUS + Advanced Computing Consortium – Mobilities to Europe [[+info](#)]
- 06-07 FEB Vienna Ab-initio Simulation Package (VASP) Ecosystem [[+info](#)]

JANUARY

- 20 JAN Software Stack and Environment Modules [[+info](#)]
- 09 JAN 1st Anual Encounter of HPC Professorship [[+info](#)]
- 05 JAN ERASMUS + Advanced Computing Consortium – Mobilities to Europe [[+info](#)]

DECEMBER

- 06 DEC ERASMUS + Advanced Computing Consortium – Mobilities to Europe [[+info](#)]
- 05 DEC Using the OBLIVION Supercomputer After Upgrade: A Course for OBLIVION users [[+info](#)]

OCTOBER

- 17-21 OCT ERASMUS + Intensive Program on Machine Learning [[+info](#)]
- 12 OCT Using the OBLIVION Supercomputer [[+info](#)]

SEPTEMBER

- 29 SEP UCIBIO Course | Module 6: Hybrid Quantum Mechanics/Molecular Mechanics [[+info](#)]
- 28 SEP UCIBIO Course | Module 5: Molecular Dynamics [[+info](#)]
- 27 SEP UCIBIO Course | Module 4: Structure-based Virtual Screening [[+info](#)]
- 19-23 SEP ERASMUS + Introduction to Parallel Programming with MPI and OpenMP [[+info](#)]
- 14 SEP UCIBIO Course | Module 3: Phylogenomics [[+info](#)]
- 13 SEP UCIBIO Course | Module 2: Transcriptome Assembly [[+info](#)]
- 13 SEP Using the OBLIVION Supercomputer [[+info](#)]
- 12 SEP UCIBIO Course | Module 1: High-throughput Sequencing Data [[+info](#)]
- 05-06 SEP Introduction to Gromacs [[+info](#)]

JULY

- 07-08 JUL Introduction to AMBERTOOLS [[+info](#)]

JUNE

- 27 JUN-01 JUL LIP Data Science [[+info](#)]

MAY

- 26 MAY Internal Training on LaTeX: Common Tools and Editors and Using Overleaf [[+info](#)]
- 24 MAY 1st Annual Encounter of HPC Professorship [[+info](#)]

APRIL

- 01 APR Using the OBLIVION Supercomputer: A Training Course for Recent Users [[+info](#)]
- 01 APR Benchmarking and Refactoring Software in Supercomputers [[+info](#)]

MARCH

- 25 MAR Parallel Processing with OpenMP and MPI [[+info](#)]
- 22 MAR Using the OBLIVION Supercomputer: A Training Course for Recent Users [[+info](#)]

JANUARY

- 15 JAN-12 FEB Introduction to Julia in Digital Sciences & Humanities [[+info](#)]

2021

DECEMBER

16-17 DEC Programming in Digital Humanities [[+info](#)]

OCTOBER

15 OCT Collaborative Work in Digital Humanities with GitLab [[+info](#)]

08 OCT Using Supercomputers: From Login to Job Submission [[+info](#)]

04 OCT Data Visualisation in Digital Humanities [[+info](#)]

SEPTEMBER

28-30 SEP RNCA Meeting 2021 [[+info](#)]

09-10 SEP GROMACS Workshop [[+info](#)]

09-10 SEP Beginner's Introduction to Data Handling in Digital Humanities [[+info](#)]

JUNE

23 JUN Running Containers in your User Space with Udocker [[+info](#)]

16 JUN Cloud Computing with Openstack [[+info](#)]

15-18 JUN MUG: MACC User Group Workshop [[+info](#)]

09 JUN Parallel and Distributed Computing with MATLAB [[+info](#)]

07 JUN Course on High-Performance Computing [[+info](#)]