



High Performance Computing Masterclass at “Ovidius” University of Constanța

20 – 24 May, 2024, Ovidius University Campus, Hybrid Event

Registration link: <https://form.iotform.com/241021243871042>

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Program

Location: „Ovidius” University of Constanța

Event type: Hybrid

Date: 20-24 May 2024

Day 1 – 20th of May

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| 10⁰⁰ | <p>Opening session</p> <ul style="list-style-type: none"> • Assoc. Prof. Dr. Alexandru BOBE, Vice-rector of OUC • Prof. Dr. Eden MAMUT – „Ovidius Cyber Cloud” Data Centre for HPC • Bogdan STROE, Project Manager – RONCC presentation |
| 11⁰⁰ | <p>Generic projects on Ovidius Cyber Cloud</p> <ul style="list-style-type: none"> • Dr. Laurențiu OANCEA – „Traffic and Air Quality Data Processing. Case Study on Constanța Municipality Transport Model” • Assoc. Prof. Gabriel PRODAN – „AI Tools for Medical Applications. Case Study on Lung Diagnosis and Predictions” • Prof. Dr. Eden MAMUT – „Multiscale Fluid Flow Modeling. Case Study on Microchannel Flows” |
| 13³⁰ | <p>Closure and Plans for future collaborations</p> |

Day 2 – 21st of May

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| 10⁰⁰ | <p>Ovidius Cyber Cloud Hands On</p> <ul style="list-style-type: none"> • Dr. Laurențiu OANCEA – „OCC Hardware Infrastructure” • Assoc. Prof. Gabriel PRODAN – „OCC Data center Management” • Claudiu NAZAR – Hands On Session |
| 13³⁰ | <p>Closure and Plans for future collaborations</p> |

Day 3 – 22th of May

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| 10⁰⁰ | Introduction / Welcome |
| 10⁰⁰ - 11⁰⁰ | RONCC presentation/HPC interactive workshop RONCC Team |
| 11⁰⁰ - 11³⁰ | Scientific point of view from a University with experience in HPC (Montenegro) NCC Montenegro, Donja Gorica University |
| 11³⁰ - 12⁰⁰ | Scientific point of view from a University with experience in HPC (Bulgaria) NCC Bulgaria, prof. Emanouil Atanassov, Head of Department of Scalable Computing and Applications with HPC Center, Bulgaria |
| 12⁰⁰-12³⁰ | Scientific point of view from a University with experience in HPC (Portugal) NCC Portugal, Miguel Avillez, High Performance Computing Operational Center – University of Évora (Coordinator) |
| 12³⁰ - 13⁰⁰ | Scientific point of view from a University with experience in HPC -TBC |
| 13⁰⁰ | Closure and Plans for future collaborations |

Day 4 – 23rd of May

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| 10⁰⁰ | Introduction to Supercomputers Carlos Teijeiro Barjas, Advisor Supercomputing, NCC Netherlands (SURF) |
| | Advance session on supercomputers Carlos Teijeiro Barjas, Advisor Supercomputing, NCC Netherlands (SURF) |
| 13³⁰ | Closure and Plans for future collaborations |

Day 5 – 24th of May

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| 10⁰⁰ | Machine learning tutorial Carlos Teijeiro Barjas, Advisor Supercomputing, NCC Netherlands (SURF) |
| 13³⁰ | Closure and Plans for future collaborations |

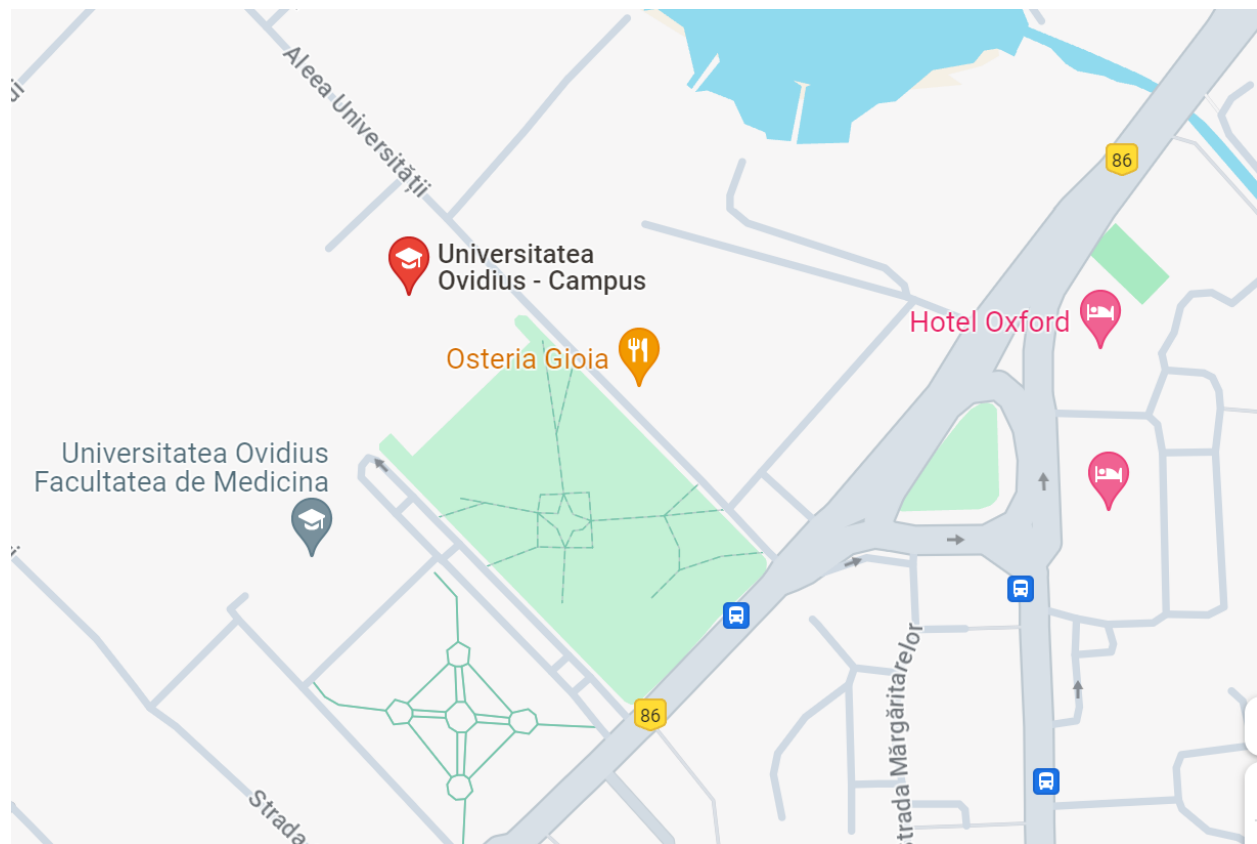


Location

Ovidius University of Constanta, Campus, 1st University Alley, Constanta

Digital Workshop, Block A

https://www.google.com/maps/place/Universitatea+Ovidius+-+Campus/@44.2172991,28.6178383,16z/data=!4m6!3m5!1s0x40baf06c314a16ab:0x29a402b4233a1542!8m2!3d44.2170129!4d28.6234422!16s%2Fg%2F11cn9mdt_7?entry=ttu



Event organized under the framework of the project "Development of the numerical computing infrastructure of "Ovidius" University of Constanta, for numerical modeling, simulation and processing of massive data structures by creating a Cloud Data Center" – OCC in partnership with Romanian National Competence Center in HPC – RONCC, initiative funded by European High-Performance Computing Joint Undertaking (JU) under grant agreement No 101101903