



## High Performance Computing Masterclass at “Ovidius” University of Constanța

20-24 May 2024  
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 – 20<sup>th</sup> of May

10 <sup>00</sup>	<p><b>Opening session</b></p> <ul style="list-style-type: none"> <li>• <b>Assoc. Prof. Dr. Alexandru BOBE</b>, Vice-rector of OUC</li> <li>• <b>Prof. Dr. Eden MAMUT</b> – „Ovidius Cyber Cloud” Data Centre for HPC</li> <li>• <b>Bogdan STROE</b>, Project Manager – RONCC presentation</li> </ul>
11 <sup>00</sup>	<p><b>Generic projects on Ovidius Cyber Cloud</b></p> <ul style="list-style-type: none"> <li>• <b>Dr. Laurențiu OANCEA</b> – „Traffic and Air Quality Data Processing. Case Study on Constanța Municipality Transport Model”</li> <li>• <b>Assoc. Prof. Gabriel PRODAN</b> – „AI Tools for Medical Applications. Case Study on Lung Diagnosis and Predictions”</li> <li>• <b>Prof. Dr. Eden MAMUT</b> – „Multiscale Fluid Flow Modeling. Case Study on Microchannel Flows”</li> </ul>
13 <sup>30</sup>	<p><b>Closure and Plans for future collaborations</b></p>

### Day 2 – 21<sup>st</sup> of May

10 <sup>00</sup>	<p><b>Ovidius Cyber Cloud Hands On</b></p> <ul style="list-style-type: none"> <li>• <b>Dr. Laurențiu OANCEA</b> – „OCC Hardware Infrastructure”</li> <li>• <b>Assoc. Prof. Gabriel PRODAN</b> – „OCC Data center Management”</li> <li>• <b>Claudiu NAZAR</b> – Hands On Session</li> </ul>
13 <sup>30</sup>	<p><b>Closure and Plans for future collaborations</b></p>

Day 3 – 22 <sup>th</sup> of May	
10 <sup>00</sup>	<b>Introduction / Welcome</b>
10 <sup>00</sup> - 11 <sup>00</sup>	<b>RONCC presentation/HPC interactive workshop</b> RONCC Team
11 <sup>00</sup> - 11 <sup>30</sup>	<b>Scientific point of view from a University with experience in HPC (Montenegro)</b> NCC Montenegro, Donja Gorica University
11 <sup>30</sup> - 12 <sup>00</sup>	<b>Scientific point of view from a University with experience in HPC (Bulgaria)</b> NCC Bulgaria, prof. Emanouil Atanassov, Head of Department of Scalable Computing and Applications with HPC Center, Bulgaria
12 <sup>00</sup> -12 <sup>30</sup>	<b>Scientific point of view from a University with experience in HPC (Portugal)</b> NCC Portugal, Miguel Avillez, High Performance Computing Operational Center – University of Évora ( Coordinator )
12 <sup>30</sup> - 13 <sup>00</sup>	<b>Scientific point of view from a University with experience in HPC</b> -TBC
13 <sup>00</sup>	<b>Closure and Plans for future collaborations</b>
Day 4 – 23 <sup>rd</sup> of May	
10 <sup>00</sup>	<b>Introduction to Supercomputers</b> Carlos Teijeiro Barjas, Advisor Supercomputing, NCC Netherlands (SURF)
	<b>Advance session on supercomputers</b> Carlos Teijeiro Barjas, Advisor Supercomputing, NCC Netherlands (SURF)
13 <sup>30</sup>	<b>Closure and Plans for future collaborations</b>
Day 5 – 24 <sup>th</sup> of May	
10 <sup>00</sup>	<b>Machine learning tutorial</b> Carlos Teijeiro Barjas, Advisor Supercomputing, NCC Netherlands (SURF)
13 <sup>30</sup>	<b>Closure and Plans for future collaborations</b>