

<p><b>“Harnessing HPC and AI: Open Source Innovations and Real-World Applications”</b></p> <p><b>16th of December 2024</b></p> <p><b>10:00am CET (France – UTC+1)</b> <b>11:00am EET (Romania – UTC+2)</b></p>	
<p><b>09:50 – 10:00 (UTC+1)</b> 10:50 – 11:00 (UTC+2)</p>	<p><b>Welcoming Speakers and Participants</b></p> <p>PhD. Carmen-Elena Cîrnu, Project Director, National Competence Centres in the framework of EuroHPC – Phase 2</p> <p>Bogdan Stroe, Senior Project Manager, NCC Romania</p>
<p><b>10:00 – 11h30 (UTC+1)</b> 11:00 – 12:30 (UTC+2)</p>	<p><b>Machine learning Open Source Ecosystem a focus on Scikit-learn and HPC</b></p> <p>PhD. Laure Bourgois, INRIA Academy, NCC France</p>
<p><b>11:30 – 12:45 (UTC+1)</b> 12:30 – 13:45 (UTC+2)</p>	<p><b>AI &amp; HPC Use Cases: Driving Innovation</b></p> <ul style="list-style-type: none"> <li>➤ <b>Case Study 1:</b> Sebastian Muraru, Software Developer, AI department, ICI Bucharest, NCC Romania: <i>Tumour microenvironments: an initial sneak-peek by making use of SOTA AI Tools</i></li> <li>➤ <b>Case Study 2:</b> Monica Rotulo, Machine Learning Advisor, SURF, NCC Netherlands: <i>Using pre-trained LLMs to assist cancer diagnosis in digital pathology</i></li> <li>➤ <b>Case Study 3:</b> Laura Martínez Calvo, PhD., Project officer   Services to and Interaction with Industry CESGA, NCC Spain: <i>Use of AI for Satellite-Based Surface Wind Correction</i></li> <li>➤ <b>Case Study 4:</b> Endri Deliu, EuroCC Austria, EuroCC Austria: <i>Inception to Excellence - The AI Infrastructure and Product Journey</i></li> </ul>
<p><b>12:45 – 13:00 (UTC+1)</b> 13:45 – 14:00 (UTC+2)</p>	<p><b>Q&amp;A session and Closing remarks</b></p> <p>Dragoş Cătălin Barbu, , RoNCC Coordinator, NCC Romania</p>