

# 3rd International Workshop on Machine Learning and Quantum Computing Applications in Medicine and Physics



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## **Polish National Competence Centre in HPC: Enabling AI in EuroHPC**

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This presentation delves into the importance of the EuroHPC Joint Undertaking and the supercomputing resources it provides for European users from industry, science and public administration. In particular, it highlights the LUMI supercomputer, ranked 5th on the recent Top500 list of the fastest supercomputers, making it the fastest supercomputer in Europe. The EuroCC2 project is also introduced as a critical initiative in fostering HPC competencies in Europe, with the Polish National Competence Centre activities in Poland described in more detail. A focal point of the presentation is the SpeakLeash project, a compelling example of AI utilization facilitated by NCC Poland, demonstrating how cutting-edge HPC resources can be harnessed to drive innovative AI solutions.

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