

## **LUMI: EUROPE'S FLAGSHIP SUPERCOMPUTER**

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The EuroHPC initiative is a joint undertaking by the European Commission and 32 countries to establish a world-class ecosystem in supercomputing to Europe [1]. One of its first concrete efforts is to install three leadership-class supercomputers, each of which will be among the top 10 most powerful computer systems in the world. We will discuss one of these systems, LUMI, located in Kajaani, Finland. LUMI is jointly funded and operated by a consortium of 10 countries, including all Nordic countries, as well as the European Commission. LUMI has started its operations at the beginning of 2022. LUMI will be the fastest supercomputer in Europe and in general one of the most powerful and advanced computing systems on the planet when reaching its full capacity in summer 2022. In this talk, we will present the technical architecture of the LUMI infrastructure, provide a status update of the program, as well as plans and ambitions for the near future.

[1] <https://eurohpc-ju.europa.eu/>