

EuroHPC: the next big thing in scientific computing in Europe

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The EuroHPC initiative is a joint effort by the European Commission and 28 countries to establish a leadership-class ecosystem in supercomputing to Europe (read more at <https://eurohpc-ju.europa.eu/>). One of its first concrete efforts is a call for proposals for hosting the first two (or three) “precursor to exascale” supercomputers. Finland, together with 8 other countries from the Nordics and central Europe, has submitted an expression of interest to collaboratively host one of these systems in Kajaani, northern Finland. This system, LUMI, will be the one of the most powerful and advanced computing systems on the planet at the time of its installation. The vast consortium of countries with established tradition in scientific computing and strong national computing centers will be a key asset for the successful infrastructure. In this talk we will discuss the goals and initiatives of the EuroHPC framework, as well as the LUMI infrastructure and its great value and potential for the research community.

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