

## EuroHPC-Ausschreibung zur Förderung von Hochleistungsrechnen

<https://eurohpc-ju.europa.eu/participate.html>

Stichtag: 14. November 2019 und 14. Januar 2020 | Programmausschreibungen

Das gemeinsame Unternehmen für europäisches Hochleistungsrechnen (EuroHPC) hat seine ersten Aufforderungen zur Finanzierung von Forschungs- und Innovationsaktivitäten mit einem Gesamtbudget von 190 Mio. Euro veröffentlicht. Gefördert werden die Entwicklung wesentlicher Technologien für Hochleistungs-Computerhardware und -software, die Unterstützung kleiner und mittlerer Unternehmen (KMU) bei der innovativen Nutzung von HPC sowie die Einrichtung von HPC-Kompetenzzentren in allen EuroHPC-Ländern.

The [European High Performance Computing Joint Undertaking](#) (EuroHPC) has launched calls for proposals to fund research and innovation activities in the field of supercomputing.

The EuroHPC JU calls for proposals "Towards Extreme Scale Technologies and Applications" (3 calls) and "Innovating and Widening the HPC use and skills base" (2 calls) are now open in accordance with the annual EuroHPC Work Plan of the year 2019.

Both funding lines will support the development of the exascale HPC technologies and systems in Europe for real and relevant applications of scientific, social and industrial value, the development of the software stack, the preparation of applications for the upcoming exascale systems, the widening of HPC use by supporting competence centres, stimulating the innovation potential of SMEs and skills developments.

The total budget of the work plan for 2019 will be €190 million (50% provided by the EU, and 50% by the participating countries).

## Towards Extreme Scale Technologies and Applications

- Extreme scale computing and data driven technologies: supporting the European technology supply industry in developing next generation power-efficient and highly resilient HPC and data technologies
- HPC and data-centric environments and application platforms: maintaining Europe's world leadership in HPC applications by stimulating the innovation potential of businesses and industry users to develop applications in different industry sectors (such as manufacturing, farming, health, mobility, natural hazards, energy, climate, space, finance and cybersecurity) that will best use the available computational power of the EuroHPC Joint Undertaking
- Industrial software codes for extreme scale computing environments and applications: helping European software vendors to improve their offer of industrial software and codes for industrial users to make full use of new, very high-performing supercomputers

The three calls will close on 14 January 2020.

## Innovating and Widening the HPC use and skills base

- HPC Competence Centres: working with participating countries to develop national supercomputing competence centres in all EuroHPC participating countries, which will serve many users, provide knowledge and new digital skills training, and promote targeted actions for SMEs, networking their activities at European level.
- Stimulating the innovation potential of SMEs: supporting European manufacturing and engineering SMEs to improve their innovation potential and competitiveness by using advanced HPC services.

Both calls will close on 14 November 2019.

Quelle: Europäische Kommission

Redaktion: 02.08.2019 von Tim Mörsch, VDI Technologiezentrum GmbH

Länder / Organisationen: EU

Themen: Förderung, Information u. Kommunikation, Infrastruktur

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