PREPARATORY ACCESS TO HPC RESOURCES
YOUR EASY LAUNCHING PAD TO SUPERCOMPUTING

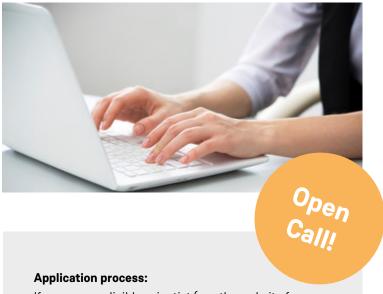

- **Entry level support to get you started**

- **High level support to tune codes for supercomputers in Jülich**

- **Help adapting your applications for HPC tasks**

- **Compute time to estimate required resources for your project**

- **Open to anyone that can apply for compute time in Jülich**

Computational science today is tackling problems of increasing complexity and scale. With that, requirements for users' codes, simulations, and data analyses change.

To meet this challenge and encourage computational scientists to port their models to state-of-the-art HPC machines, JSC invites potential new users of the supercomputers in Jülich to apply for Preparatory Access to the JURECA or JUWELS systems, accompanied by support from JSC's Simulation and Data Life Cycle Lab (SDLs).

Successful applications receive computing time and expert assistance from one of the JSC SDLs for a period of up to four months. Expertise offered by SDL staff includes:

- Porting and tuning of codes for the JURECA and JUWELS systems
- Performance analysis and scaling improvement of codes/applications
- (Re)design of computational methods needed to exploit highly parallel architectures
- Guidance for the compute time application process

Open Call!

Application process:

If you are an eligible scientist (see the website for criteria), you can apply for preparatory access directly with JSC. The filed applications undergo a technical evaluation by JSC staff, who will assess the potential of each application, if necessary also whether it benefits from HPC adaptation and tuning.

As far as possible, successful proposals will be matched to an SDL corresponding to or related to their scientific discipline.

Contact: SDLs@fz-juelich.de | Website: www.fz-juelich.de/ias/jsc/prep-access