KONWIHR

Competence Network for Scientific High-Performance Computing in Bavaria

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Katrin Nusser, Gerasimos Chourdakis

The Idea

Work closely with a Bavarian computing center to improve runtime and scalability of your code:

- Analyze your code's performance
- Discover bottlenecks
- Parallelize & optimize your code
- Optimize your algorithms
- Evaluate alternative architectures

This means:

- Get funding
- Work for some time at the compute center on your project
- Get personal support from HPC experts

The Structure

Funding: Bavarian Ministry for Science and the Arts

Bayerisches Staatsministerium für
Wissenschaft und Kunst

North: FAU (Prof. Gerhard Wellein, Dr. Katrin Nusser), RRZE

South: TUM (Prof. Hans-Joachim Bungartz, Gerasimos Chourdakis), LRZ

The activities are spreading

Contact your local computing center:

Rechenzentrum TH Deggendorf: Helena Liebelt, Peter Faber
Uni Regensburg: Tilo Wettig
Uni Würzburg: Fakher Assaad, Florian Goth

How To

- Application deadlines: 1st of March / 1st of September
- Types of projects
  - Small (up to 3 months) - 10.000€
  - Large (up to 12 months) - 50.000€
  - Basis projects - 10.000€
- Details on konwihr.de
- Apply via email to info@konwihr.de

- **At the end:**
  - A project report, including references to any publications
  - A short description and a figure for our website