



# MATLAB for HPC at Jülich Supercomputing Center

6<sup>th</sup> November 2023

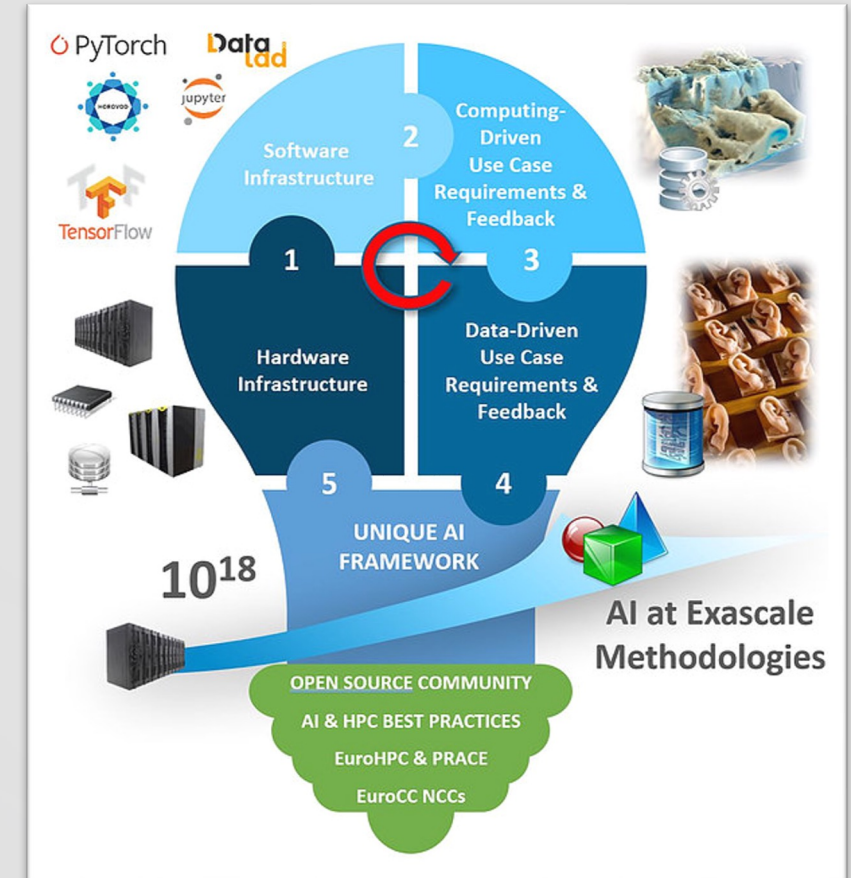
Jülich Supercomputing Centre (JSC) - Germany



## The European Center of Excellence in Exascale Computing "Research on AI- and Simulation-Based Engineering at Exascale" (CoE RAISE)

- Development of AI methods towards Exascale
- Connect
  - hardware infrastructure,
  - software infrastructure,
  - compute-driven use cases,
  - and data-driven use cases

to create Unique AI framework for academia and industry





# **National Competence Centre (NCC) Germany**



# EuroCC@GCS: The NCC Germany

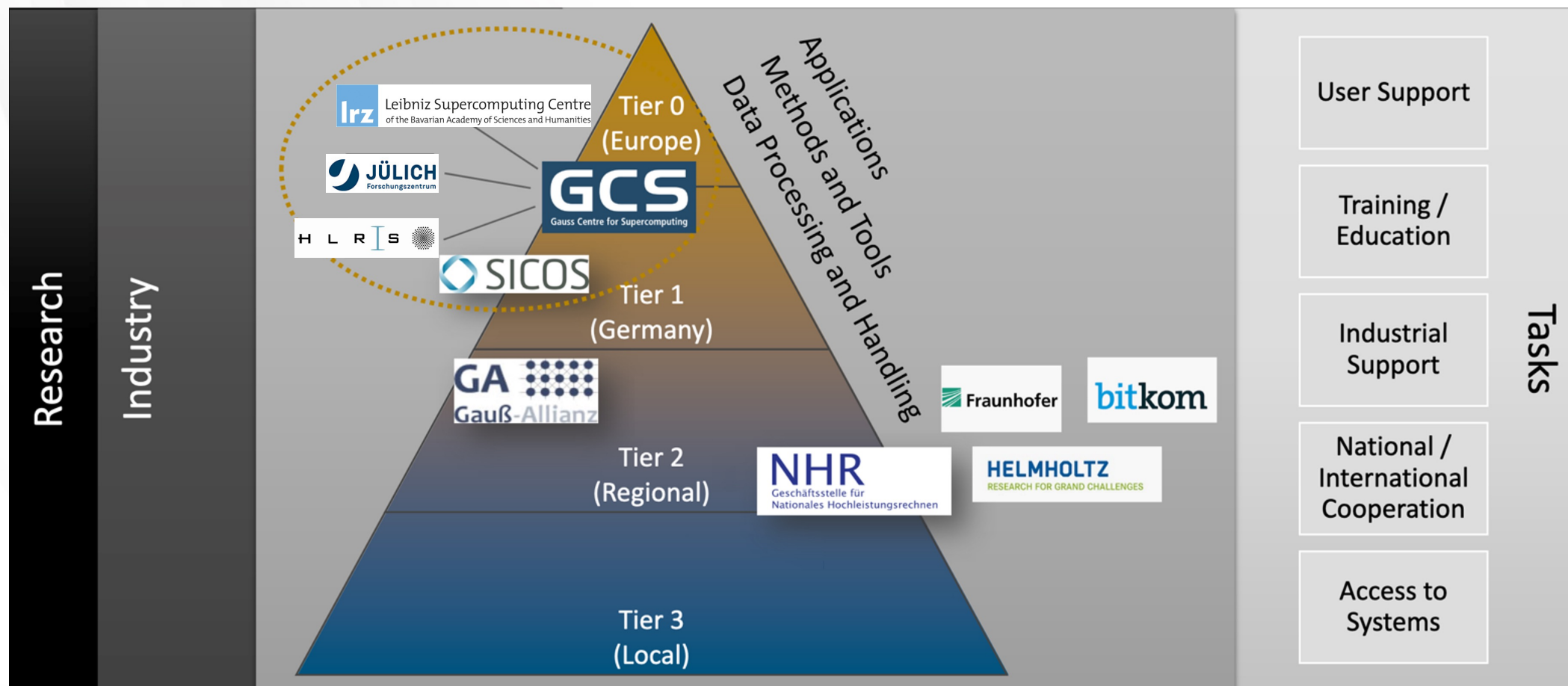


The NCC Germany consists of

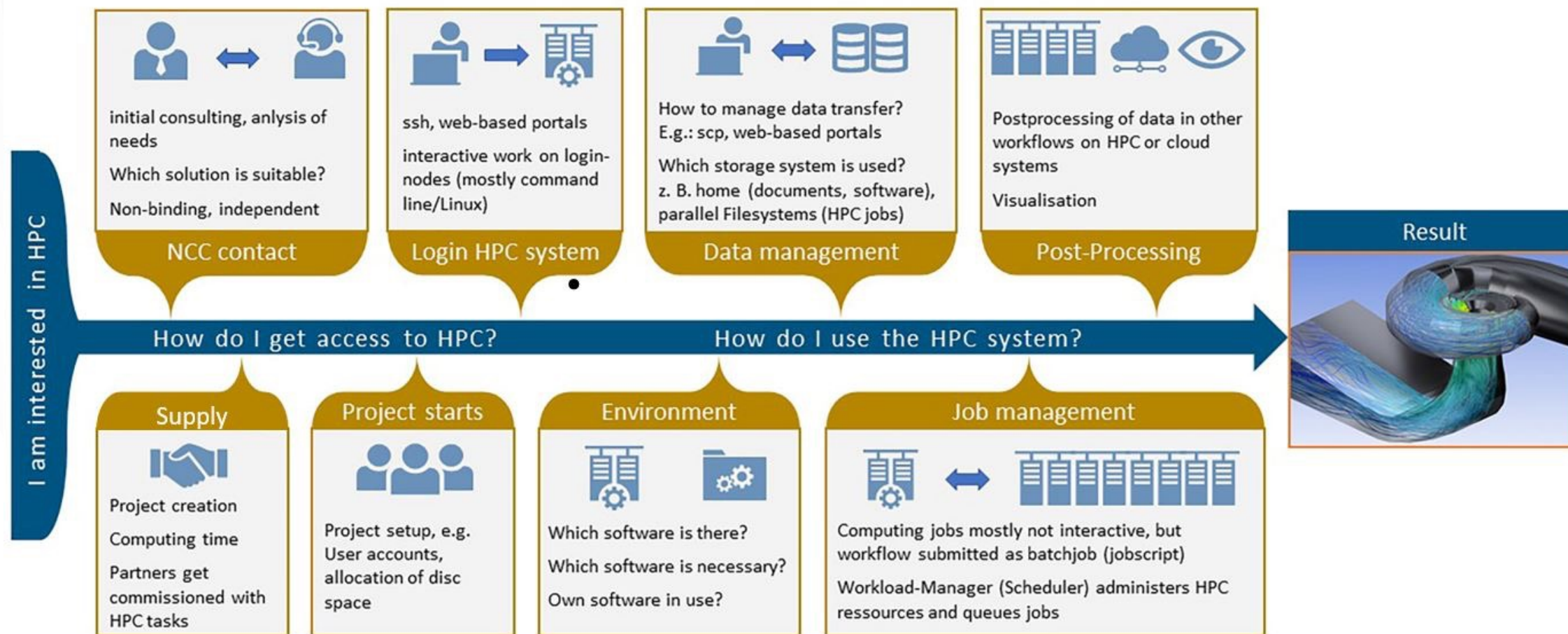
- three HPC-centers
  - High Performance Computing Center Stuttgart (HLRS)
  - Leibniz Supercomputing Centre (LRZ)
  - Jülich Supercomputing Centre (JSC)
- and the company SICOS BW



# EuroCC@GCS: The NCC Germany



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# Agenda

## Rotunde, Bd. 16.4:

- **09:00 - 09:20** Welcome & Introduction (L. Cifuentes and J. Göbbert)
- **09:20 - 09:30** Teaser - MATLAB Use Case (Prof. A. Kleefeld)
- **09:30 - 10:30** MATLAB for HPC – Part 1 (R. Norris)
- **10:30 - 10:45** Coffee break
- **10:45 - 12:30** MATLAB for HPC – Part 2 (R. Norris)
- **12:30 - 13:30** Lunch & Connect to MathWorks (discussion at the Casino)
- **13:30 - 15:00** Open End (back at the Rotunde)

