

bwForCluster MLS&WISO

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Scientific Computing

- Development of methods for modeling, numerics, statistics, data analysis
- Applications in physics, chemistry, biology, medical science, humanities

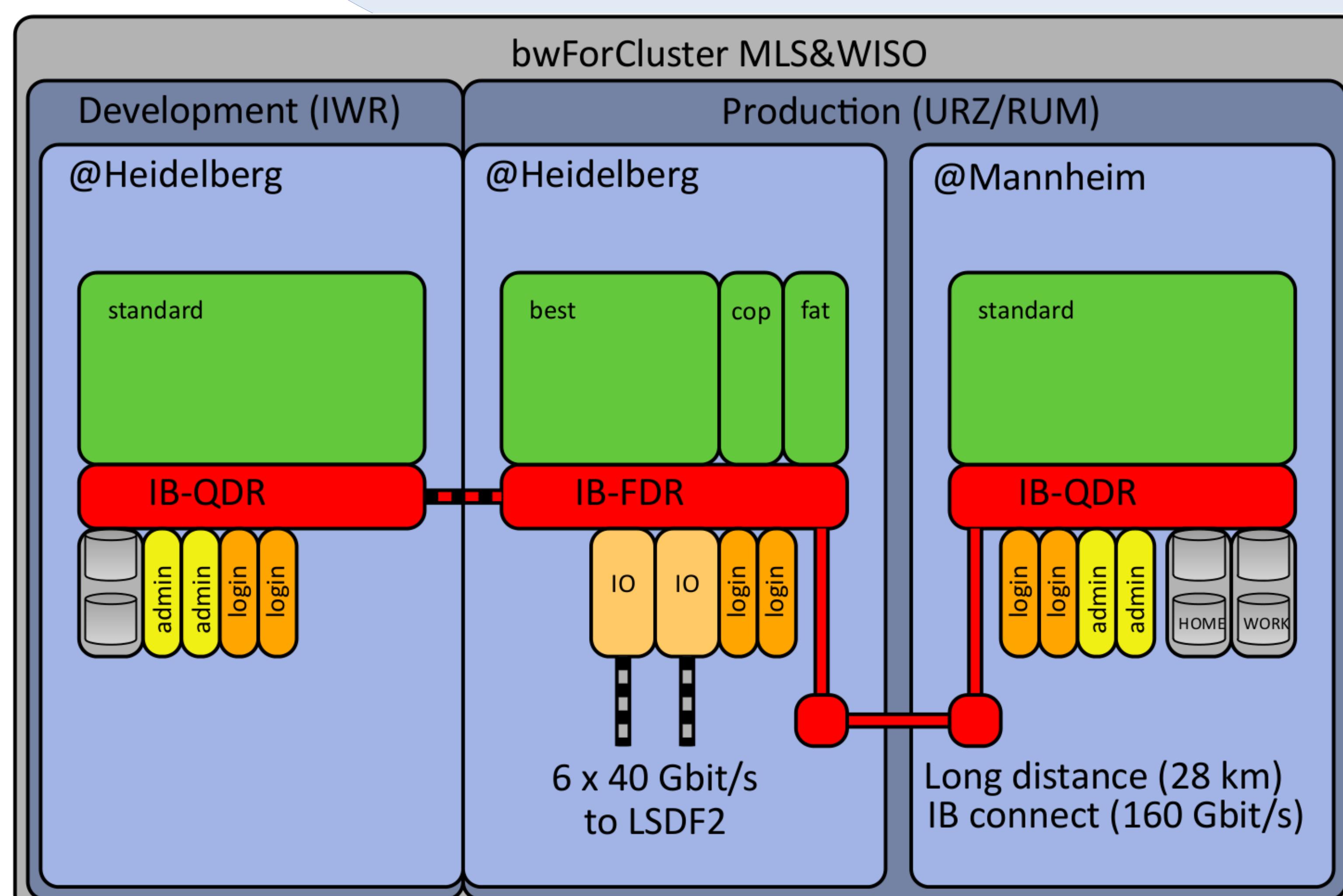
HPC Support for Main Research Areas

WISO: Economics and Social Sciences

- Banking, Finance, Insurance, Econometrics
- Knowledge Networks & Information Extraction

MLS: Molecular Life Science

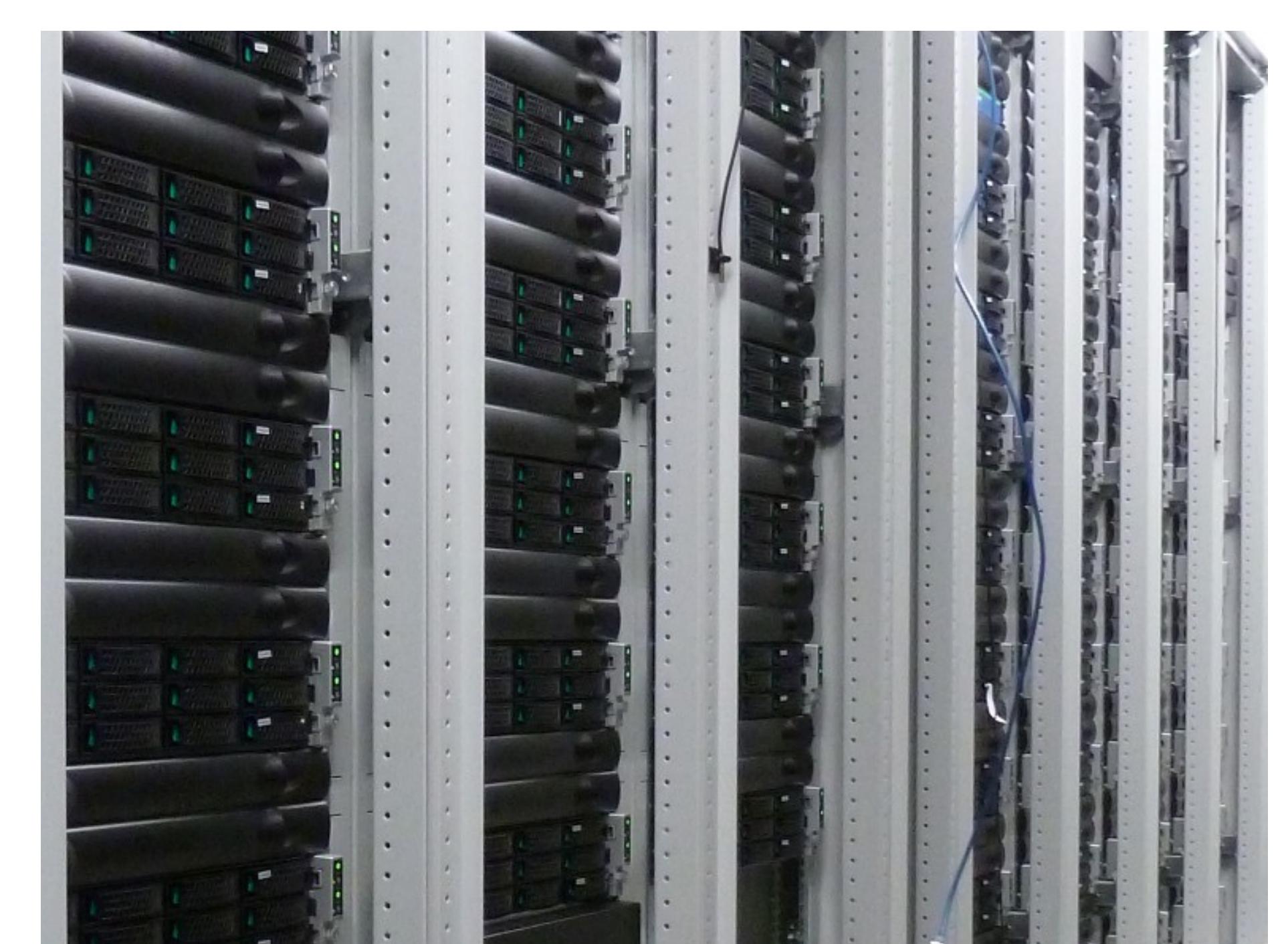
- Functional models in life sciences
- Cluster of Excellence 'Cellular Networks'



Development (IWR)

- flexible service, short response time
- possibility to use the whole machine
- massively parallel applications with high scalability
- 416 nodes: 2x Intel Xeon Haswell with 8 cores, 2.4 GHz, 64 GB memory, 120 GB SSD, QDR (1:1)
- 2 admin nodes, 2 login nodes
- storage (63 TB, NFS)

→ 222.7 TFLOP/S, #331 in  The List.



→ 241.1 TFLOP/S, #297 in  The List.