

Forschungszentrum Jülich  
Jülich Supercomputing Centre  
Exascale Innovation Center

## Workshop

**Topic:** Introduction into the Blue Gene/Q architecture

**Speakers:** M. Hennecke, T. Maurer (IBM)  
J. Docter, I. Gutheil, M. Knobloch, M. Stephan (JSC)

**Contents:** With the Jülich Blue Gene/Q *JUQUEEN* becoming available for selected external users very soon this workshop will provide an opportunity to learn more about the new machine. Blue Gene/Q is the third generation of the massively parallel Blue Gene computers designed by IBM.

The workshop will start with a comprehensive overview on the architecture and system software. Talks on optimisation and performance analysis will give an inside look at strategies for optimal utilisation of the Blue Gene/Q architecture. Finally, an overview on the Jülich installation, the available application software and information on how to access *JUQUEEN* will be provided.

**Time:** Thursday, 5 July 2012, 9:00 – 15:00

**Venue:** Jülich Supercomputing Centre, room R.006, building 16.3 (main lecture hall)

All interested users of JSC resources are cordially invited to participate. As the number of participants is restricted please register for this event by sending an email to Mrs. Bielitz ([e.bielitza@fz-juelich.de](mailto:e.bielitza@fz-juelich.de)) **before July 3.**

sgd. Prof. Dr. Dirk Pleiter