

# "Industry Relations" Team paves the Way to HPC Expertise

Since January 2016, JSC has provided a new central contact point for enterprises that wish to use HPC cluster systems for their R&D activities, manufacturing, or their products. The work of the "Industry Relations" Team is inspired by various existing cooperations between JSC and industrial companies and by a generally increasing interest in and need for parallel computing in various fields of engineering and technology.

JSC therefore offers its expertise in HPC to potential customers from industry in the form of "simulation consulting", which ranges from software analysis and optimization techniques targeting small systems up to elaborate means of running highly parallel code on compute clusters with thousands of cores. In this context, the Simulation Laboratories of JSC and JARA-HPC deliver core competences in the application and HPC field to establish cooperations on different levels, varying from short-term core consulting services up to large-scale project partnerships with intensive code treatment and performance enhancement. Last but not least, the Industry Relations team enables industry partners and SMEs to access Jülich know-how and experts in the rapidly emerging field of big data analytics.

This essential new interface provided by JSC emerged naturally from existing services and capabilities and aims to



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facilitate the transfer of specific knowledge in the field of parallel computing to a wider industrial community and to further areas of applied research and development. It offers a tremendous opportunity for cooperations that can leverage the vast potential HPC is able to deliver to IT-based R&D. This opportunity is even extended by the work of the Simulation Laboratories of JSC and JARA-HPC that allows to boost projects by using cutting edge research knowledge.

Further details on the new central contact point can be found at <http://www.fz-juelich.de/ias/jsc/industry-relations>.

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