

JSC hosted the 4th JLESC Workshop

From December 2 to 4, the 4th JLESC Workshop took place at the Gustav-Stresemann-Institut in Bonn-Bad Godesberg, organized this time by JSC. This event was the second in 2015 of the biannual meetings of the Joint Laboratory on Extreme Scale Computing (JLESC) and the first one hosted by JSC. The Joint Laboratory brings together researchers from the Institut National de Recherche en Informatique et en Automatique (Inria, France), the National Center for Supercomputing Applications (NCSA, USA), Argonne National Laboratory (ANL, USA), Barcelona Supercomputing Center (BSC, Spain), RIKEN AICS (Japan) and JSC.

day's and tomorrow's supercomputing. Together with the other participants, scientists and PhD students from JSC and German partner universities could catch up on cutting-edge research from the fields of resilience, I/O and programming models as well as numerical methods, applications, big data and performance tools. Besides their talks, the participants had time for fruitful discussions about their on-going and future research during project meetings, open microphone sessions and a social event. In addition, PhD students and postdocs could attend the first JLESC "young scientist dinner" to exchange ideas in a less formal (and very well-received) setting.

The key objective of JLESC is to foster international collaborations on state-of-the-art research related to computational and data focused simulation and analytics at extreme scales. Within JLESC, scientists from many different disciplines as well as from industry address the most critical issues in advancing from petascale to extreme scale computing. The collaborative work is organized in projects between two or more partners. This includes mutual research visits, joint publications and software releases. Every six months, all JLESC partners meet during a workshop to discuss the most recent results and to exchange ideas for further collaborations.

Organized by Inria, the next JLESC workshop will take place at ENS Lyon from June 27 to 29, 2016 continuing this successful series of internationally recognized and valued meetings. This workshop is followed by a two-day summer school on resilience. For more information on JLESC, the workshops and JSC's participation, visit <http://www.fz-juelich.de/ias/jsc/jlesc>

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With more than 100 scientists and students from the six JLESC partners, the meeting in Bad Godesberg covered a broad range of topics crucial for to-