

Summary of SC'14 SIGHPC In-Cooperation Workshop

NDM'14: Fourth International Workshop on Network-aware Data Management

The Fourth International Workshop on Network-aware Data Management was held on November 16, 2014, in cooperation with ACM SIGHPC, in conjunction with the International Conference for High Performance Computing, Networking, Storage and Analysis (SC'14), in New Orleans, Louisiana, USA.

The goal of the workshop is to promote new collaborations between data management and networking communities to evaluate emerging trends and current technological developments, and to discuss future design principles of network-aware data management. We disseminated call-for-papers via various mailing lists, community forums, and call-for-papers web sites.

The format of the workshop consisted of two keynote talks and presentations of five peer-reviewed papers. We had about 30 attendees. For each submission, paper review process involved at least 3 reviews by program committee members. We had 17 program committee members and 3 workshop organizers.

NDM'14 program started with the first keynote speech titled "Smart Cyber Infrastructure for Big Data Processing" by Prof. Cees de Laat (University of Amsterdam). In the first session, we had two paper presentations. After the break, in the second session, we started with the second keynote titled "RDMA in the Cloud: Enabling high-bandwidth, low-latency communication in virtualized environments for HPC" by Josh Simons (VMware Inc. Office of the CTO). We had three paper presentations in the second session.

We post presentation slides from papers and talks online at: <http://2014.ndm-meeting.org>
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Mehmet Balman, Surendra Byna, Brian L. Tierney
NDM'14 Organizers
