

## **HPC-UA 2013 Summary**

The Third Conference on High Performance Computing “HPC-UA 2013” was held in Kyiv, October 7-11, 2013 at the National Technical University of Ukraine “Kyiv Polytechnic Institute”. The conference attracted 250 researchers, engineers, developers and state representatives from 18 countries. The conference was organized by NTUU “KPI” and Glushkov Institute of Cybernetics NAS of Ukraine with the sponsorship and support of

- Hewlett-Packard (Ukraine),
- NVidia (Russia),
- Intel (Russia),
- Adaptive Computing (USA),
- CADFEM (Ukraine),
- Tesis LTD (Russia),
- Technical Supercomputers Lab (Ukraine),
- International Supercomputing Conference, Prometheus GmbH (Germany).

HPC-UA’13 in tight cooperation with HPC Day vendor event (October 10-11) formed a whole HPC week and became the largest HPC event in Ukraine.

The first day talks were devoted mainly to supercomputer architecture design, system software, networks and HPC application in science. The second day was marked by Industrial sessions and workshops which gathered Ukrainian and foreign specialists and developers from high-technology areas like aircraft and marine ship design, construction of military equipment and nuclear reactors. The third day was filled by GPU, Clouds, FPGA, and cluster management issues.

Best papers of HPC-UA’13 Conference will be included to Springer “Communications in Computer and Information Science” series.

### **Social Networking**

HPC-UA’13 offered good networking possibilities during Welcome Party, two HPC Breakfasts and Coffee Breaks.

### **Number of attendees by country**

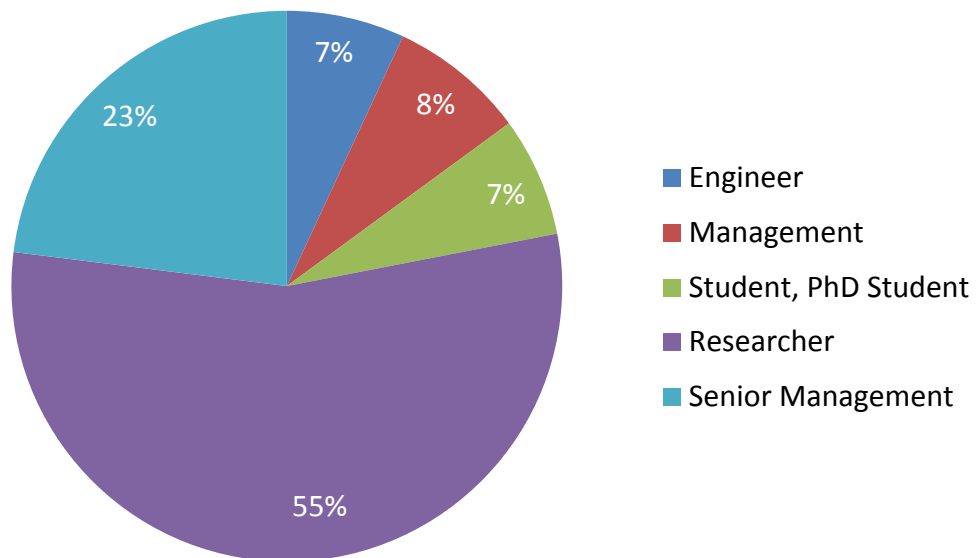
- Ukraine – 134
- Russia – 91
- Kazakhstan – 9
- USA – 3
- Germany – 2
- Iran – 2
- Jordan – 2
- Taiwan – 2
- Uzbekistan – 2
- Australia – 1
- Azerbaijan – 1

- Bulgaria – 1
- China – 1
- India – 1
- Italy – 1
- Norway – 1
- Poland – 1
- Turkey – 1

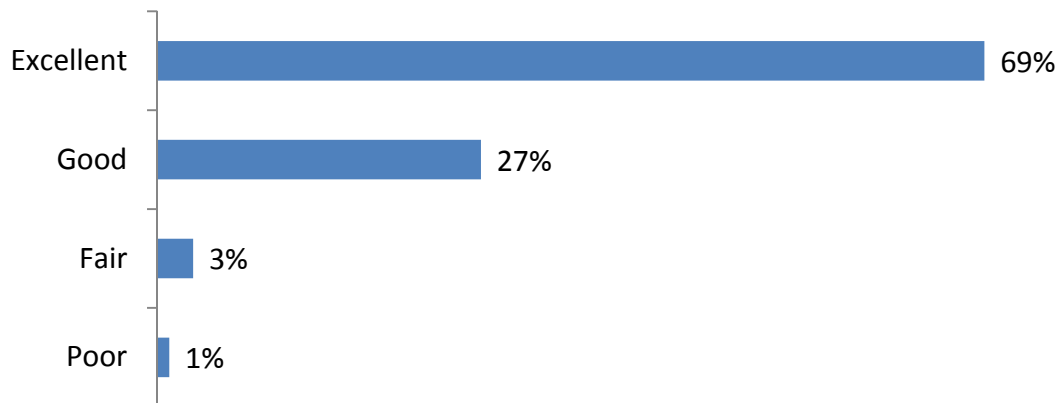
### Conference Topics

- Supercomputer design and administration
- HPC in science and industry
- CUDA, OpenCL, accelerated programming
- HPC in oil and gas
- Applied physics, nanotechnology
- Computational biology and genetics
- Astronomy
- Numerical methods and parallel algorithms
- Grids, Clouds and SaaS systems
- Business in HPC, startups
- Information safety and security

### Professional Activities



## Visitor's rating



86% of attendees already plan to take part in HPC-UA'14 conference.

## Conference Impressions

Please follow the link: <http://hpc-ua.org/hpc-ua-13/impressions/>

## Conference proceedings

Please follow the link: <http://hpc-ua.org/hpc-ua-13/proceedings/>

## Upcoming Events

- PDCS 2014, Kharkiv, March 4-6, 2014
- HPC-UA 2014, Kyiv, October 13-15, 2014

## Contact Us

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<http://hpc-ua.org/hpc-ua-13/>