

Education Interests of Summer School Students at GridKa School

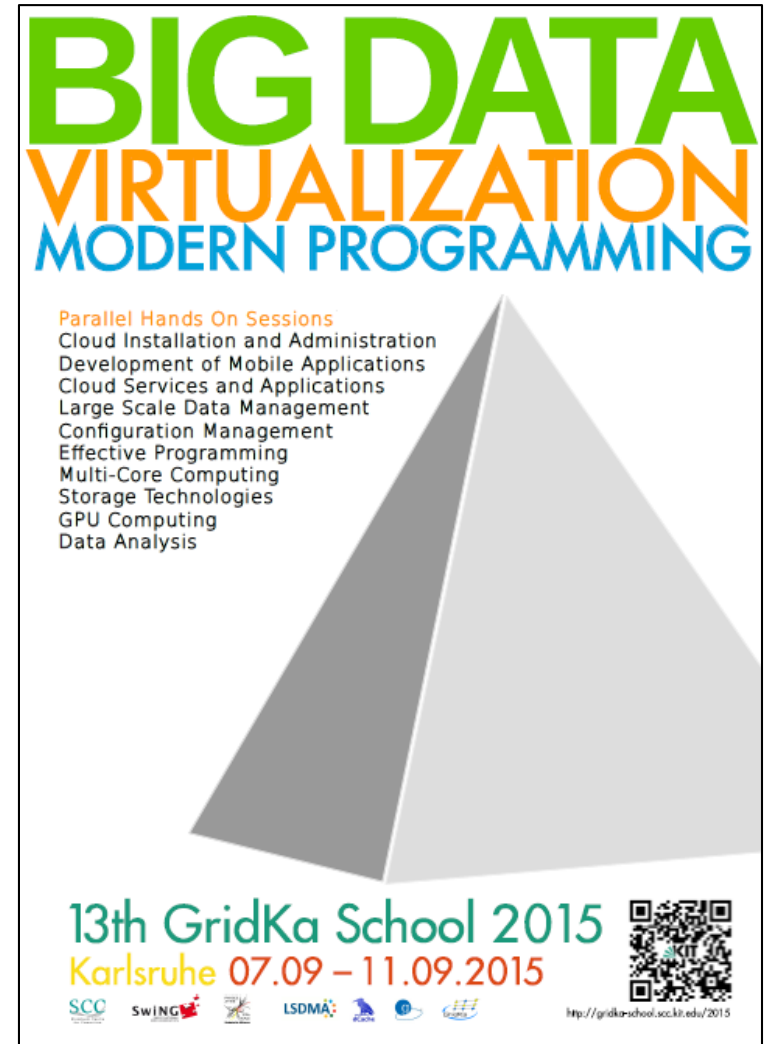
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GridKa School in a nutshell





- One week summer school organized and hosted by Steinbuch Centre for Computing at KIT
- Each year 80 to 120 participants
 - Graduate and post-graduate students, PostDocs, researchers, a few people from industrial computing
 - From different scientific disciplines
- 50% of auditorium presentations, 50% of parallel hands-on exercises
- 2 social events
- Low participation fee
- Permanent evolution of its curriculum



BIG DATA
VIRTUALIZATION
MODERN PROGRAMMING

Parallel Hands On Sessions
 Cloud Installation and Administration
 Development of Mobile Applications
 Cloud Services and Applications
 Large Scale Data Management
 Configuration Management
 Effective Programming
 Multi-Core Computing
 Storage Technologies
 GPU Computing
 Data Analysis

13th GridKa School 2015
 Karlsruhe 07.09 – 11.09.2015

<http://gridka-school.scc.kit.edu/2015>

Knowledge of students

■ Big Data

- Beginner: 16
- Advanced user: 12
- Administrator: 8
- Developer: 4
- Other: 2

■ Modern Programming

- Beginner: 17
- Advanced user: 15
- Administrator: 8
- Developer: 4
- Other: 0

■ Virtualization

- Beginner: 13
- Advanced user: 15
- Administrator: 9
- Developer: 3
- Other: 0



Participation in Courses

- Registered participants and number of courses per topic:
 - Software Development (e.g. CUDA, Angular JS): 111/6
 - Databases and Object Store (e.g. MongoDB, CEPH): 45/3
 - System Deployment (e.g. Puppet, Docker): 43/3
 - Analysis frameworks (R, Apache Spark): 41/2
 - Miscellaneous (HPCCloud, ELK): 30/2

- Disclaimer: not the same number of courses each day, different numbers for maximum participants per day,...

Interest in further courses

- "Besides the courses you took this week, which ones would you like to have taken." (based on 37 answers)
 - Software Development: 36
 - Databases and Object Store: 24
 - System Deployment: 36
 - Analysis frameworks: 25
 - Miscellaneous: 16

- Answers to „Which topics or courses would you like to see at future GridKa Schools?“ mainly include
 - Security
 - More advanced courses on several topics from this year's school
 - Grid Computing

Summary

- GridKa School's audience mainly consists of beginners and advanced users
- Interest in broad range of courses, with software development courses attracting the highest number of courses
- If students could have taken more courses, the range of interest would have also been broad; here software development and system deployment have the highest numbers
- "School's out" -> next school will be planned soon ;-)

