# GridKa School 2015: Big Data, Virtualization and Modern Programming

## Monday, September 7, 2015

**<u>Plenary talks</u> - Gaede HS (2:00 PM - 6:50 PM)**

   **-Conveners: Thomas Hartmann**

| time | [id] title | presenter |
|------|-----------|-----------|
| 2:00 PM | [5] Welcome to Karlsruhe Institute of Technology | Prof. STREIT (KIT-SCC), Achim |
| 2:30 PM | [6] GridKa School - Event Overview | Dr HARTMANN, Thomas |
| 2:45 PM | [59] Storage Technologies | Dr MILLAR, Paul |
| 3:30 PM | Coffee Break | |
| 4:00 PM | [28] IT security in an IPv6 world | Dr KELSEY, David |
| 4:45 PM | [27] From Mars to Earth through Cloud Computing | Dr VAZQUEZ-POLETTI, Jose Luis |

# Tuesday, September 8, 2015

**Plenary talks: Plenary talks - Gaede HS (9:00 AM - 12:00 PM)**

  **-Conveners: Max Fischer**

| time | [id] title | presenter |
|------|-----------|-----------|
| 9:00 AM | [35] Data Preservation | Ms TONNE, Danah |
| 9:40 AM | [32] Software-Defined Networking for the Data Center | Dr HASSELMEYER, Peer |
| 10:20 AM | Coffee Break | |
| 10:40 AM | [60] Digital Transformation, Big Data … and the changing role of IT | Dr QUACK, Engelbert |
| 11:20 AM | [64] Shinkansen or why trains can arrive on time | KREBS, Jürgen |

# Wednesday, September 9, 2015

<u>**Plenary talks**</u> **- Gaede HS (9:00 AM - 12:00 PM)**

  **-Conveners: Peter Kraus**

| time | [id] title | presenter |
|---|---|---|
| 9:00 AM | [37] Climate simulations | Dr SINNHUBER, Björn-Martin |
| 9:40 AM | [23] Linux containers and Docker | SINDRILARU, Elvin |
| 10:20 AM | Coffee Break | |
| 10:40 AM | [56] ElasticSearch and the ELK stack for monitoring and data analysis | Dr DÜPMEIER, Clemens |
| 11:20 AM | School Photo | |

# Thursday, September 10, 2015

**Plenary talks: Plenary talks** - **Gaede HS (9:00 AM - 12:00 PM)**

  **-Conveners: Parinaz Ameri**

| time | [id] title | presenter |
|------|-----------|-----------|
| 9:00 AM | [29] Apache Spark: The next Generation of Hadoop Processing | Mr KAEMPF, Mirko |
| 9:40 AM | [62] Technical Computing on OpenPower | Dr OBERST, Oliver |
| 10:20 AM | Coffee Break | |
| 10:40 AM | [36] Big data in critical infrastructure: Production and failover infrastructure in DWD's central data management | Mr LEE, Daniel |
| 11:20 AM | [50] Research Data Alliance - Research Data Sharing without barriers | Mr WITTENBURG, Peter |

# Friday, September 11, 2015

**Plenary talks: Plenary talks - Gaede HS (9:00 AM - 11:30 AM)**

  -**Conveners: Ugur Cayoglu**

| time | [id] title | presenter |
|---|---|---|
| 9:00 AM | [51] EUDAT - The European Data Infrastructure | Dr LECARPENTIER, Damien |
| 9:45 AM | Coffee Break | |
| 10:15 AM | [20] The Icosahedral Nonhydrostatic (ICON) model: Scalability on Massively Parallel Computer Architectures | PRILL, Florian |
| 11:00 AM | [65] Conclusions | Dr HARTMANN, Thomas |