Session Program

Aug 26 – 30, 2019

GridKa School 2019 - The Art of Data Plenary

KIT, Campus North, FTU

Mon, August 26

2:00 PM

Plenary
Session | **Location:** FTU, Aula | **Convener:** René Caspart

14:00 – 14:30 **Welcome to KIT**

Speaker
Achim Streit

14:30 – 14:50 **Welcome to GridKa School**

Speaker
René Caspart

14:50 – 15:30 **Evaluating classifier performance**

Speaker
Prof. Tilmann Gneiting

15:30 – 16:00 **Coffee Break**

16:00 – 16:40 **Advancing Openness and Transparency in Scientific Contributions**

Speaker
Rima-Maria Rahal

16:40 – 17:20 **Research Data Management: The Serviceteam RDM@KIT**

Speakers
Dr Kerstin Wedlich-Zachodin, Ulrich Robert

17:20 – 18:00 **Responsible Research and Technology Assessment**

Speaker
Dr Julia Hahn

6:00 PM

Tue, August 27

8:55 AM

Plenary
Session | **Location:** FTU, Aula | **Convener:** Max Fischer

09:00 – 09:40 **Why Rust?**

Speaker
Mr Oliver Scherer

09:40 – 10:20 **Kubernetes meets Data Scientists - An Experience Report**

Speaker
Prof. Peter Tröger

10:20 – 10:25 **News**

Speaker
René Caspart

10:25 – 10:40 **Coffee Break**

10:40 – 11:20 **Make Your Data FABulous**

Speaker
Philipp Krenn

11:20 – 12:00 **Quantum Computing and IBM Q: An Introduction**

Speaker
Dr Oliver Oberst

12:00 PM

Wed, August 28

9:00 AM

Plenary
Session | **Location:** FTU, Aula | **Convener:** Andreas Heiss

09:00 – 09:40 **Challenges and plans of the SKA Regional Centres**

Speaker
Zheng Meyer-Zhao

09:40 – 10:20

Thrill: High-Performance Algorithmic Distributed Batch Data Processing with C++

Speaker
Timo Bingmann

10:20 – 10:40 **Coffee Break**

10:40 – 11:20 **Scalable Graph Analytics**

Speaker
Kevin Gomez

11:20 – 12:00 **Compute Aspects of Machine Learning**

Speaker
Prof. Janis Keuper

12:00 PM

Thu, August 29

9:00 AM

Plenary
Session | **Location:** FTU, Aula | **Convener:** Manuel Giffels

09:00 – 09:40   **Design for High-Performance Computing Applications**

Speaker
Dr Marco Berghoff

09:40 – 10:20   **GPU Programming 101**

Speaker
Andreas Herten

10:20 – 11:00   **Coffee Break and Group Photo**

11:00 – 11:40

Intel's Hardware and Software Solutions and Directions for Artificial Intelligence

Speaker
Edmund Preiss

11:40 AM

Fri, August 30

9:00 AM

Plenary
Session | **Location:** FTU, Aula | **Convener:** Dr Eileen Kühn

09:00 – 09:40 **DevOps for Machine Learning in Academia**

Speaker
Valentin Kozlov

09:40 – 10:20 **Continuous Benchmarking**

Speaker
Dr Hartwig Anzt

10:20 – 10:40 **Coffee Break**

10:40 – 11:20 **Modern Classification Tasks in LHC Physics**

Speaker
Tilman Plehn

11:20 – 12:00 **Conclusions**

Speaker
René Caspart

12:00 PM