

Session Program

August 28, 2017 to September 1, 2017

GridKa School 2017 - make science && run

Plenary

KIT, Campus North, FTU

Mon, August 28

2:00 PM

Plenary

Session | **Location:** FTU, Aula

14:00 – 14:30 **Welcome to KIT**

Speaker

Prof. Achim Streit

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

Speaker

Dr Manuel Giffels

14:50 – 15:30 **WikiToLearn: What it is and how to use it**

Speaker

Dario Mapelli

3:30 PM

4:00 PM

Plenary

Session | **Location:** FTU, Aula

16:00 – 16:40 **Collaborative Software Development**

Speaker

Dr Benedikt Hegner

16:40 – 17:20 **Beewax: An optimized tool to enhance the performance of HIVE**

Speaker

Dr Mohammed Khafagy

17:20 – 18:00 **Statistical Analysis in Biomolecular Evolution**

Speaker

Dr Alexander Schug

6:00 PM

Wed, August 30

9:00 AM

Plenary

Session | **Location:** FTU, Aula

09:00 – 09:40

Big data challenges in radio astronomy

Speaker

Dr Ewan Barr

09:40 – 10:20

Augmented Reality - History, Challenges and Applications

Speaker

Jens Reinhardt

10:20 AM

10:40 AM

Plenary

Session | **Location:** FTU, Aula

10:40 – 11:20

Cloud Federation

Speaker

Dr Peer Hasselmeyer

11:20 – 12:00

Architecture and Principles of Kubernetes

Speaker

Johannes Scheuermann

12:00 PM

Thu, August 31

9:00 AM

Plenary

Session | **Location:** FTU, Aula

09:00 – 09:40

Developments in data protection from a technical perspective

Speaker

Julia Stoll

09:40 – 10:20

Grow concurrent programs with grace and Go

Speaker

Dr Sebastien Binet

10:20 AM

10:40 AM

Plenary

Session | **Location:** FTU, Aula

10:40 – 11:20

Concurrency and Scientific Programming

Speaker

Dr Graeme Stewart

11:20 – 12:00

GPU Programming 101

Speaker

Dr Andreas Herten

12:00 PM

Fri, September 1

9:00 AM

Plenary

Session | **Location:** FTU, Aula

09:00 – 09:40

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

Speaker

Timo Bingmann

09:40 – 10:20

Deep Learning Applications in Science using Transfer Learning

Speaker

Prof. Morris Riedel

10:20 AM

10:40 AM

Plenary

Session | **Location:** FTU, Aula

10:40 – 11:20

ViCE

Speaker

Bernd Wiebelt

11:20 – 12:00

Conclusions

Speaker

Dr Manuel Giffels

12:00 PM