

# **KSETA Doktoranden Workshop 2013**



## **Report of Contributions**

Contribution ID : 7

Type : **not specified**

# Data analysis workflow in High Energy Particle Physics (CMS)

*Friday, 18 October 2013 10:15 (60)*

## Summary

**Primary author(s)** : Mr. BAUS, Colin (IEKP); Mr. WOEHRMANN, Hauke (IEKP); Mrs. AKBIYIK, Melike (IEKP)

**Presenter(s)** : Mr. BAUS, Colin (IEKP); Mr. WOEHRMANN, Hauke (IEKP); Mrs. AKBIYIK, Melike (IEKP)

**Session Classification** : Parallel Session

Contribution ID : 8

Type : **not specified**

## **Roll a dice - Basics of Monte Carlo methods and applications in particle physics**

*Friday, 18 October 2013 10:15 (60)*

### **Summary**

**Presenter(s)** : Mr. HANGST, Christian (ITP); Mr. BELLM, Johannes (ITP)

**Session Classification** : Parallel Session

Contribution ID : 14

Type : **not specified**

## **Digital Signal Processing for Radio Detection (e.g. of Cosmic Rays)**

*Thursday, 17 October 2013 09:00 (60)*

### **Summary**

**Primary author(s)** : Mrs. KAMBEITZ, Olga (IEKP)

**Co-author(s)** : Mr. KOSTUNIN, Dmitriy; Mr. ROGOZIN, Dmytro (EKP); Mr. HILLER, Roman

**Presenter(s)** : Mr. KOSTUNIN, Dmitriy; Mr. ROGOZIN, Dmytro (EKP); Mrs. KAMBEITZ, Olga (IEKP); Mr. HILLER, Roman

**Session Classification** : Parallel Session

Contribution ID : 15

Type : **not specified**

## **Data analysis by using the database CouchDb**

*Thursday, 17 October 2013 09:00 (60)*

### **Summary**

**Primary author(s)** : Mrs. KEFELIAN, Cecile (IPNL)

**Presenter(s)** : Mrs. KEFELIAN, Cecile (IPNL)

**Session Classification** : Parallel Session

Contribution ID : **19**

Type : **not specified**

## **Introduction to COMSOL multiphysics**

*Thursday, 17 October 2013 11:30 (60)*

### **Summary**

**Primary author(s)** : Mrs. KUCKERT, Laura (EKP)

**Presenter(s)** : Mrs. KUCKERT, Laura (EKP)

**Session Classification** : Parallel Session

Contribution ID : 20

Type : **not specified**

## **!Currently not assigned**

Bernhard Siebenborn

### **Summary**

**Primary author(s) :** Mr. SIEBENBORN, Bernhard (IKP)

Contribution ID : 27

Type : **not specified**

## Halbleiterdetektoren

*Thursday, 17 October 2013 10:15 (60)*

### Summary

**Presenter(s)** : Mr. PRINTZ, Martin (IEKP); Mr. HEINDL, Stefan (IEKP)

**Session Classification** : Parallel Session



Contribution ID : 28

Type : **not specified**

# Electronics for physicists and measurement uncertainties

*Thursday, 17 October 2013 09:00 (60)*

## Summary

**Presenter(s)**: Mr. SIEBENBORN, Bernhard (Karlsruhe Institute of Technology); Mrs. RUPP, Simone (ITEP-TLK)

**Session Classification** : Parallel Session

Contribution ID : 29

Type : **not specified**

## Supraleiter und Kryotechnik

*Thursday, 17 October 2013 11:30 (60)*

### Summary

**Presenter(s)** : Mrs. HEIDT, Carolin (ITTK/ITEP); Ms. RAASCH, Juliane (IMS, KIT)

**Session Classification** : Parallel Session

Contribution ID : 30

Type : **not specified**

## **Data analysis in hardware -- a tutorial on VHDL and FPGAs**

*Thursday, 17 October 2013 10:15 (60)*

### **Summary**

**Presenter(s)** : Mr. AMSTUTZ, Christian; Mr. BÄHR, Steffen; Mrs. HARBAUM, Tanja (ITIV); Mr. STEVANOVIC, Uros (IPE)

**Session Classification** : Parallel Session

Contribution ID : 31

Type : **not specified**

## **Simulation with GEANT**

*Friday, 18 October 2013 09:00 (60)*

### **Summary**

**Presenter(s)** : Mrs. ZILLES, Anne (IEKP); Mrs. HEUERMAN, Geertje

**Session Classification** : Parallel Session

Contribution ID : 32

Type : **not specified**

## **Distributed version control and why \*you\* want to use it**

*Thursday, 17 October 2013 11:30 (60)*

### **Summary**

**Presenter(s)** : Mr. VOGELGESANG, Matthias (IDPE)

**Session Classification** : Parallel Session

Contribution ID : 33

Type : **not specified**

## **Fitting model parameters to experimental data**

### **Summary**

**Presenter(s)** : Mrs. BESKIDT, Conny (IEKP)

Contribution ID : 34

Type : **not specified**

## **Introduction to RooFit**

*Thursday, 17 October 2013 10:15 (60)*

### **Summary**

**Presenter(s)** : Mr. HEHN, Lukas (IKP)

**Session Classification** : Parallel Session

Contribution ID : 35

Type : **not specified**

## **Classification using BDTs**

*Friday, 18 October 2013 09:00 (60)*

### **Summary**

**Presenter(s)** : Mr. COLOMBO, Fabio; KAMBEITZ, Manuel (EKP); Mr. FRIESE, Raphael

**Session Classification** : Parallel Session



Contribution ID : 36

Type : **not specified**

## **OpenCL and GPU programming**

*Friday, 18 October 2013 09:00 (60)*

### **Summary**

**Presenter(s)** : Mr. HILK, Daniel (IEKP); Mr. VOGELGESANG, Matthias (IPE)

**Session Classification** : Parallel Session

Contribution ID : 37

Type : **not specified**

## **Förderlandschaft, Antragstellung und Hilfe im KIT**

*Thursday, 17 October 2013 14:00 (60)*

### **Summary**

**Presenter(s)** : Mrs. SCHMITT, Jana (KHYS)

**Session Classification** : Career

Contribution ID : **38**

Type : **not specified**

## **Fachvortrag Iris Gebauer**

*Thursday, 17 October 2013 15:00 (30)*

### **Summary**

**Presenter(s)** : Mr. GEBAUER, Iris

**Session Classification** : Career

Contribution ID : **39**

Type : **not specified**

## **Fachvortrag Alexander Nesterov-Müller**

*Thursday, 17 October 2013 15:30 (30)*

### **Summary**

**Presenter(s)** : Mr. NESTEROV-MÜLLER, Alexander

**Session Classification** : Career

Contribution ID : 40

Type : **not specified**

## Fachvortrag Tim Huege

*Thursday, 17 October 2013 16:00 (30)*

### Summary

**Presenter(s)** : Mr. HUEGE, Tim

**Session Classification** : Career

Contribution ID : 41

Type : **not specified**

## **Presentation and panel discussion**

*Thursday, 17 October 2013 17:00 (60)*

### **Summary**

**Presenter(s)**: Mr. NESTEROV-MÜLLER, Alexander; Mr. GEBAUER, Iris; Mr. HUEGE, Tim

**Session Classification** : Career

Contribution ID : 42

Type : **not specified**

## **Fireside chat on career**

*Thursday, 17 October 2013 19:00 (60)*

### **Summary**

**Presenter(s)** : Mrs. NAZARENKO, Irina

**Session Classification** : Vortrag/Talk

Contribution ID : 43

Type : **not specified**

## **Heidelberger Ionenstrahl Therapiezentrum**

*Wednesday, 16 October 2013 14:30 (60)*

### **Summary**

**Presenter(s)** : Mr. BRONS, Stephan (Uni Heidelberg)

**Session Classification** : Vortrag/Talk



Contribution ID : 44

Type : **not specified**

## **Digitale CMOS Sensoren**

*Wednesday, 16 October 2013 15:30 (60)*

### **Summary**

**Presenter(s)** : Mr. DEVEAUX, Michael (Uni Frankfurt/GSI)

**Session Classification** : Vortrag/Talk

Contribution ID : 45

Type : **not specified**

## **Introduction**

*Wednesday, 16 October 2013 17:00 (60)*

### **Summary**

**Presenter(s)** : Mrs. KLINK, Katrin

**Session Classification** : Teambuilding

Contribution ID : 46

Type : **not specified**

## **Teambuilding Event**

*Wednesday, 16 October 2013 19:00 (60)*

### **Summary**

**Presenter(s)** : Mrs. KLINK, Katrin

**Session Classification** : Teambuilding

Contribution ID : 47

Type : **not specified**

## **Tips and Experiences**

*Friday, 18 October 2013 11:30 (60)*

Studzing with childrenm, abroad, etc.

### **Summary**

**Session Classification :** Career