

The Science Cloud –Towards a Research Data Ecosystem for the next Generation of Data-intensive Experiments and Observatories

Report of Contributions

Contribution ID: 1

Type: **not specified**

Are we ready for the next level of Big Data?

Sunday, January 12, 2020 8:00 PM (1 hour)

Presenter: KRANZLMÜLLER, Dieter

Session Classification: Session 1

Contribution ID: 2

Type: **not specified**

Lessons from the Sloan Digital Sky Survey

Monday, January 13, 2020 9:00 AM (45 minutes)

Presenter: SZALAY, Alex

Session Classification: Session 2

Contribution ID: 3

Type: **not specified**

Data pipelines for Euclid

Monday, January 13, 2020 9:45 AM (45 minutes)

Presenter: KÜMMEL, Martin

Session Classification: Session 2

Contribution ID: 4

Type: **not specified**

How Big Data missions like LSST drive new models of how we build our systems - and our teams

Monday, January 13, 2020 11:00 AM (45 minutes)

Presenter: ECONOMOU, Frossie

Session Classification: Session 3

Contribution ID: 5

Type: **not specified**

Science Data Centres for Radio Astronomy: from LOFAR to SKA

Monday, January 13, 2020 11:45 AM (45 minutes)

Presenter: VAN HAARLEM, Michiel

Session Classification: Session 3

Contribution ID: 6

Type: **not specified**

The Cherenkov Telescope Array data management mode

Monday, January 13, 2020 2:00 PM (45 minutes)

Presenters: FÜSSLING, Matthias; SCHLENSTEDT, Stefan

Session Classification: Session 4

Contribution ID: 7

Type: **not specified**

Handling of Neutrino Telescope Data

Monday, January 13, 2020 2:45 PM (45 minutes)

Presenter: GRAF, Kay

Session Classification: Session 4

Contribution ID: 8

Type: **not specified**

Computing for HL-LHC

Monday, January 13, 2020 4:00 PM (45 minutes)

Presenter: GÜLZOW, Volker

Session Classification: Session 5

Contribution ID: 9

Type: **not specified**

Data Challenges at the European XFEL – 1B/s to 10GB/s

Monday, January 13, 2020 4:45 PM (45 minutes)

Presenter: HAUF, Steffen

Session Classification: Session 5

Contribution ID: **10**

Type: **not specified**

About the Wilhelm and Else Heraeus Foundation

Monday, January 13, 2020 6:30 PM (15 minutes)

Presenter: JORDA, Stefan

Session Classification: Session 6

Contribution ID: 11

Type: **not specified**

Witnessing the Convergence of HPC and Data

Tuesday, January 14, 2020 9:00 AM (45 minutes)

Presenters: IAPICHINO, Luigi; HACHINGER, Stefan

Session Classification: Session 7

Contribution ID: 12

Type: **not specified**

Knowledge Gain in the Age of HPC and Big Data

Tuesday, January 14, 2020 9:45 AM (45 minutes)

Presenter: PFALZNER, Susanne

Session Classification: Session 7

Contribution ID: 13

Type: **not specified**

Enabling Data-Intensive Computing & the EOSC

Tuesday, January 14, 2020 11:00 AM (41 minutes)

Presenter: STREIT, Achim (KIT-SCC)

Session Classification: Session 8

Contribution ID: 14

Type: **not specified**

Bio-inspired Information Processing: The Future of Artificial Intelligence?

Tuesday, January 14, 2020 11:41 AM (45 minutes)

Presenter: KOHLSTEDT, Hermann

Session Classification: Session 8

Contribution ID: 15

Type: **not specified**

IT infrastucture of the futute –Envision the future of Computing !

Tuesday, January 14, 2020 2:00 PM (45 minutes)

Presenters: WITTMANN, Ingolf; OBERST, Oliver

Session Classification: Session 9

Contribution ID: **16**

Type: **not specified**

Advanced data analysis in the era of virtual observatories

Wednesday, January 15, 2020 9:00 AM (45 minutes)

Presenter: POLSTERER, Kai

Session Classification: Session 10

Contribution ID: 17

Type: **not specified**

Theoretical simulations

Wednesday, January 15, 2020 9:45 AM (45 minutes)

Presenter: WALCH-GASSNER, Stefanie

Session Classification: Session 10

Contribution ID: **18**

Type: **not specified**

Brain inspired computing

Wednesday, January 15, 2020 11:00 AM (45 minutes)

Presenter: SCHEMMEL, Johannes

Session Classification: Session 11

Contribution ID: **19**

Type: **not specified**

The Machine & Memory-Driven Computing

Wednesday, January 15, 2020 2:00 PM (45 minutes)

Presenter: BRENNECKE, Martin

Session Classification: Session 12

Contribution ID: 20

Type: **not specified**

Memory-based computing forastronomical applications

Wednesday, January 15, 2020 2:45 PM (45 minutes)

Presenter: HESSLING, Hermann

Session Classification: Session 12

Contribution ID: 21

Type: **not specified**

Physics and machine learning

Wednesday, January 15, 2020 4:00 PM (45 minutes)

Presenter: MORIK, Katharina

Session Classification: Session 13

Contribution ID: 22

Type: **not specified**

Summary of the Seminar

Wednesday, January 15, 2020 3:30 PM (20 minutes)

Presenter: MANNHEIM, Karl (Universitaet Wuerzburg, Germany)

Session Classification: Session 12