

FuTuRe 2018 - Workshop on the Future of Silicon Detector Technologies

Report of Contributions

Contribution ID: **1**

Type: **not specified**

Registration

Monday 5 March 2018 13:30 (45 minutes)

Contribution ID: 2

Type: **not specified**

Opening words: ESO Locational Potential

Monday 5 March 2018 14:15 (15 minutes)

Presenter: Prof. ORTLEPP, Thomas (CiS)

Contribution ID: 3

Type: **not specified**

Future in Big Science Markets

Monday 5 March 2018 14:30 (30 minutes)

Presenter: RODER, Ralf Mario (CiS)

Contribution ID: 4

Type: **not specified**

New pixel detector concepts

Monday 5 March 2018 15:00 (25 minutes)

Presenter: KOMPATSCHER, Arno E. (CiS)

Session Classification: Session 1

Contribution ID: 5

Type: **not specified**

Enhanced Lateral Drift Sensors. Simulations and Development (ELAD)

Monday 5 March 2018 15:25 (25 minutes)

Presenter: VELYKA, Anastasiia (Deutsches Elektronen-Synchrotron (DE))

Session Classification: Session 1

Contribution ID: 6

Type: **not specified**

Alternative implantation techniques

Monday 5 March 2018 15:50 (25 minutes)

Presenter: Dr WITTIG, Tobias (CiS)

Session Classification: Session 1

Contribution ID: 7

Type: **not specified**

Depleted CMOS pixel sensors (DMAPS)

Monday 5 March 2018 16:45 (25 minutes)

Presenter: BESPIN, Christian

Session Classification: Session 2

Contribution ID: 8

Type: **not specified**

D3024A: Readout ASIC for Silicon Photomultiplier

Monday 5 March 2018 17:10 (25 minutes)

Presenter: SCHÄFER, Erik (IMMS Erfurt)

Session Classification: Session 2

Contribution ID: 9

Type: **not specified**

Demand on metallization and flip chip assembly for detector modules

Monday 5 March 2018 17:35 (25 minutes)

Presenter: Dr NIELAND, Sabine (CiS)

Session Classification: Session 2

Contribution ID: **10**

Type: **not specified**

Discussion

Monday 5 March 2018 18:00 (30 minutes)

Presenter: Prof. ORTLEPP, Thomas (CiS)

Session Classification: Session 2

Contribution ID: 12

Type: **not specified**

The Silicon Tracking System of the CBM Experiment at FAIR

Tuesday 6 March 2018 09:00 (30 minutes)

Presenter: HEUSER, Johann (GSI - Helmholtzzentrum für Schwerionenforschung GmbH (DE))

Contribution ID: 13

Type: **not specified**

Technological challenges of the CBM-STS strip sensors

Tuesday 6 March 2018 09:30 (25 minutes)

Presenter: Dr WITTIG, Tobias (CiS)

Session Classification: Session 3

Contribution ID: 14

Type: **not specified**

Improvement and Control of the Technology and Devices

Tuesday 6 March 2018 09:55 (25 minutes)

Presenters: Dr LAUER, Kevin (CiS); Mr FEDERWISCH, Ralf (CiS)

Session Classification: Session 3

Contribution ID: 15

Type: **not specified**

Core-shell diode array for high performance imaging sensors and radiation detectors

Tuesday 6 March 2018 10:40 (20 minutes)

Presenter: Dr JIA, Guobin (Leibniz Institute of Photonic Technology)

Session Classification: Session 4

Contribution ID: 16

Type: **not specified**

Interconnects and Assembly Technology for Future Hybrid Pixel Detectors

Tuesday 6 March 2018 11:00 (30 minutes)

Presenter: FRITZSCH, Thomas (Fraunhofer IZM)

Session Classification: Session 4

Contribution ID: 17

Type: **not specified**

Towards silicon photodiode 4.0

Tuesday 6 March 2018 11:30 (20 minutes)

Presenter: Dr MÖLLER, Christian (CiS)

Session Classification: Session 4

Contribution ID: **18**

Type: **not specified**

Brainstorming

Tuesday 6 March 2018 11:50 (30 minutes)

Session Classification: Session 4

Contribution ID: **19**

Type: **not specified**

Wrap-up and conclusions

Tuesday 6 March 2018 12:20 (15 minutes)

Presenter: Prof. ORTLEPP, Thomas (CiS)

Session Classification: Session 4

Contribution ID: **20**

Type: **not specified**

Workshop Registration and Get Together

Tuesday 6 March 2018 08:30 (30 minutes)