

Session Program

May 16 – 18, 2022

**PXD Workshop and 24th International Workshop on
DEPFET Detectors and Applications**

PXD

Mon, May 16

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| 9:30 AM | <p>PXD: Operation at KEK Session Location: Siemens Campus, München Neuperlach Conference Center</p> <p>9:30 – 9:50 AM Operation at KEK Speaker Björn Spruck</p> <p>9:50 – 10:00 AM ASIC monitoring and SEU correction Speaker Simon Reiter</p> <p>10:00 – 10:20 AM Open Issues of PXD1 and PXD2 operation Speaker Björn Spruck</p> |
| 10:20 AM | |
| 10:50 AM | <p>PXD: PXD1 Irradiation Monitoring and Effects Session Location: Siemens Campus, München Neuperlach Conference Center</p> <p>10:50 – 11:10 AM PXD1: HV current, ASIC Currents, Noise Speaker Björn Spruck</p> <p>11:10 – 11:30 AM PXD1 dose estimation Speaker Yannik Buch</p> |
| 11:30 AM | |
| 11:30 AM | <p>PXD: Irradiation effects: DEPFET bulk currents Session Location: Siemens Campus, München Neuperlach Conference Center</p> <p>11:30 – 11:50 AM Lab irradiation: X-ray HV currents and future plans Speaker Georgios Giakoustidis</p> <p>11:50 AM – 12:30 PM DEPFET bulk currents in PXD Speaker Rainer Richter</p> |
| 12:30 PM | |
| 1:30 PM | <p>PXD: DAQ and SC Session Location: Siemens Campus, München Neuperlach Conference Center</p> <p>1:30 – 1:50 PM DHH Speaker Stefan Huber</p> |

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| | <p>1:50 – 2:10 PM ONSEN</p> <p>Speaker Matthäus Krein</p> |
| | <p>2:10 – 2:30 PM DATCON</p> <p>Speaker Bruno Deschamps</p> |
| | <p>2:30 – 2:50 PM SlowControl - (canceled?)</p> <p>Speaker Michael Ritzert</p> |
| 3:00 PM | |
| 3:30 PM | <p>PXD: Power Supply</p> <p>Session Location: Siemens Campus, München Neuperlach Conference Center</p> |
| | <p>3:30 – 3:50 PM PS status, repair and plans</p> <p>Speaker Thomas Lueck</p> |
| | <p>3:50 – 4:10 PM OVP troubles</p> <p>Speaker Björn Spruck</p> |
| | <p>4:10 – 4:25 PM PS calibration setup Bonn</p> <p>Speaker Theresa Goldschmidt</p> |
| | <p>4:25 – 4:45 PM Fast Emergency Shutdown</p> <p>Speakers Jannes Schmitz, Matthias Hoeck</p> |
| 5:30 PM | |

Tue, May 17

9:00 AM

PXD: Lab studies, calibration, software

Session | **Location:** Siemens Campus, München Neuperlach Conference Center

9:00 – 9:20 AM **DEPFET IV and ADC scan**

9:20 – 9:40 AM **W53_OB2 module testing**

Speaker

Botho Paschen

9:40 – 10:00 AM **DCD gain, gm and gq measurements of PXD modules**

Speaker

Munira Khan

10:00 – 10:20 AM **Lab framework**

Speaker

Georgios Giakoustidis

10:30 AM

11:00 AM

PXD: Analysis and Software

Session | **Location:** Siemens Campus, München Neuperlach Conference Center | **Convener:** Maiko Takahashi

11:00 – 11:20 AM **Alignment**

Speaker

Tadeas Bilka

11:20 – 11:40 AM **Recent performance of PXD**

Speaker

Daniel Pitzl

11:40 AM – 12:00 PM **Calibration and validation**

Speaker

Qingyuan LIU

12:30 PM

1:00 PM

PXD: PXD2 production

Session | **Location:** Siemens Campus, München Neuperlach Conference Center | **Convener:** Botho Paschen

1:00 – 1:15 PM **HLL module production**

Speaker

Laci Andricek

1:15 – 1:35 PM **MPP module, ladder, half-shell production**

Speaker

Hans-Günther Moser

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| | <p>1:35 – 1:45 PM PXD2 production schedule</p> <p>Speaker Botho Paschen</p> |
| | <p>1:45 – 2:05 PM Half-Shell Testing at DESY</p> <p>Speaker Anselm Baur</p> |
| | <p>2:05 – 2:25 PM PXD2 installation</p> <p>Speaker Arthur Bolz</p> |
| 2:35 PM | |
| 4:00 PM | <p>PXD: IB Meeting</p> <p>Session Location: Siemens Campus, München Neuperlach Conference Center Convener: Ariane Frey</p> |
| | <p>4:00 – 4:20 PM PXD IB Meeting</p> <p>Speaker Ariane Frey</p> |
| 6:00 PM | |