

Workshop on analysing power electronic semiconductors on synchrotrons

Report of Contributions

Contribution ID: 6

Type: **not specified**

Synchrotrons vs lab X-ray methods

Wednesday 6 November 2024 13:20 (20 minutes)

Costs

Resolution

Depth

Measurement duration (automation)

Access to RI for industry (rolling proposals, groups)

Presenter: SEECK, Oliver (DESY)

Session Classification: Synchrotrons vs lab X-ray methods

Contribution ID: 7

Type: **not specified**

Access to RI for industry

Wednesday 6 November 2024 13:40 (20 minutes)

Access to RI for industry (rolling proposals, groups)

PAC-G: Platform for advanced characterisation Grenoble

Presenter: CAPRIA, Ennio (ESRF)

Session Classification: Synchrotrons vs lab X-ray methods

Contribution ID: 8

Type: **not specified**

Access to RI for industry: HI-ACTS

Wednesday 6 November 2024 14:00 (20 minutes)

Presenter: BROOCK (TBD), Sabine (DESY)

Session Classification: Synchrotrons vs lab X-ray methods

Contribution ID: 9

Type: **not specified**

Automated sample feeding

Wednesday 6 November 2024 14:20 (20 minutes)

Presenter: HESSE, Bernhard (Xploraytion)

Session Classification: Automation

Contribution ID: **10**

Type: **not specified**

Data processing

Wednesday 6 November 2024 14:40 (20 minutes)

Presenter: JACQUES, Simon (Finden)

Session Classification: Automation

Contribution ID: 11

Type: **not specified**

Standardisation: Example: Residual stress

Presenter: ZANGENBERG, Nikolaj (DTI)

Contribution ID: 12

Type: **not specified**

Standardisation:Example: Residual stress

Wednesday 6 November 2024 16:00 (20 minutes)

Presenter: ZANGNBERG, Nikolaj

Contribution ID: 13

Type: **not specified**

Radiation damage to power electronics components

Wednesday 6 November 2024 16:20 (20 minutes)

Presenter: BAUER (TBD), Martina (GSI)

Contribution ID: 14

Type: **not specified**

EU project AddMorePower

Thursday 7 November 2024 10:00 (20 minutes)

Presenter: CLAUSNER (TBD), André (IKTS)

Contribution ID: 15

Type: **not specified**

Summary, future challenges

Thursday 7 November 2024 12:20 (10 minutes)

Presenter: SASSENBERG, Uwe (SaSaS Science as a Service)

Contribution ID: 16

Type: **not specified**

Time and space resolved characterization of power electronic devices using Synchrotron radiation

Thursday 7 November 2024 10:20 (30 minutes)

Presenter: REISINGER, Michael (Infineon)

Session Classification: Special challenges for power electronics components

Contribution ID: 17

Type: **not specified**

Generating deeper insights into SiC Device Reliability and Performance? Opportunities for synchrotron based investigations!

Thursday 7 November 2024 10:50 (30 minutes)

Presenter: ERLBACHER, Tobias (Nexperia)

Session Classification: Special challenges for power electronics components

Contribution ID: **18**

Type: **not specified**

Examples: Ageing, Quality of substrates, structure and composition of layers and interfaces

Thursday 7 November 2024 11:20 (30 minutes)

Presenter: CAPRIA, Ennio (ESRF)

Session Classification: Special challenges for power electronics components

Contribution ID: **19**

Type: **not specified**

Discussion

Thursday 7 November 2024 11:50 (30 minutes)

Session Classification: Special challenges for power electronics components