

**3rd Research Coordination
Meeting Ion Beam Induced
Spatio-Temporal Structural
Evolution of Materials:
Accelerators for a New
Technology Era, CRP No:
F11020**



Report of Contributions

Contribution ID: 1

Type: **not specified**

Workshop Opening

Monday, 25 April 2022 09:00 (1 hour)

Opening of the Meeting & Welcoming Remarks

Primary author: SCHENKEL, Thomas (Lawrence Berkeley National Laboratory)

Presenter: SCHENKEL, Thomas (Lawrence Berkeley National Laboratory)

Session Classification: Session 0

Contribution ID: 2

Type: **not specified**

Workshop Preliminaries

Monday, 25 April 2022 10:00 (30 minutes)

Business matters

Self-Introductions

Election of Chair, Deputy Chair and Rapporteurs

Discussion of the Agenda and Approval of the Agenda

Session Classification: Session 0

Contribution ID: 3

Type: **not specified**

Strategic overview of the F11020 CRP

Monday, 25 April 2022 10:30 (30 minutes)

Objectives and expected outputs of the research coordination meeting

Primary author: SIMON, Aliz (IAEA)

Presenter: SIMON, Aliz (IAEA)

Session Classification: Session 0

Contribution ID: 4

Type: **not specified**

Break

Monday, 25 April 2022 11:00 (30 minutes)

Session Classification: Session 0

Contribution ID: 5

Type: **not specified**

**CHARACTERISATION OF CARBON-VACANCY
RELATED DEFECTS IN IRRADIATED NITROGEN
DOPED 4H-SiC EPITAXIAL LAYERS AND MATERIAL
CHANGES IN IRRADIATED ULTRA-THIN
GRAPHENE OXYGENATED LAYERS**

Monday, 25 April 2022 11:30 (20 minutes)

Primary author: PASTUOVIĆ, Željko (Centre for Accelerator Science, ANSTO, Australia)

Presenter: PASTUOVIĆ, Željko (Centre for Accelerator Science, ANSTO, Australia)

Session Classification: Session 1: Laboratory Reports

Contribution ID: 6

Type: **not specified**

CREATION OF SILICON VACANCY IN SILICON CARBIDE USING PROTON BEAM WRITING

Monday, 25 April 2022 11:50 (20 minutes)

Primary author: OHSHIMA, Takeshi (National Institutes for Quantum and Radiological Science and Technology (QST), Japan)

Presenter: OHSHIMA, Takeshi (National Institutes for Quantum and Radiological Science and Technology (QST), Japan)

Session Classification: Session 1: Laboratory Reports

Contribution ID: 7

Type: **not specified**

DYNAMICS OF RADIATION EFFECTS IN HAMAMATSU S5821 PIN DIODES STUDIED BY IBIC

Monday, 25 April 2022 12:10 (20 minutes)

Primary author: GARCÍA LÓPEZ, J. (University of Sevilla, Spain)

Presenter: GARCÍA LÓPEZ, J. (University of Sevilla, Spain)

Session Classification: Session 1: Laboratory Reports

Contribution ID: 8

Type: **not specified**

DEVELOPMENT OF SINGLE ION IRRADIATION TECHNIQUES AND PROBING THE INDUCED CHANGES IN SIC AND DIAMOND

Monday, 25 April 2022 12:30 (20 minutes)

Presenter: JAKŠIĆ, Milko (Ruđer Bošković Institute, Croatia Research Laboratory)

Session Classification: Session 1: Laboratory Reports

Contribution ID: 9

Type: **not specified**

Lunch

Monday, 25 April 2022 12:50 (1h 10m)

Session Classification: Session 1: Laboratory Reports

Contribution ID: **10**

Type: **not specified**

Review of the meeting progress

Thursday, 28 April 2022 09:00 (15 minutes)

Review of the meeting progress, unforeseen tasks, etc.; possible update of the agenda

Contribution ID: 11

Type: **not specified**

Assessment of the project objectives, outputs, and outcomes against the project design (LFM)

Thursday, 28 April 2022 09:15 (2h 45m)

Assessment of the project objectives, outputs, and outcomes against the project design (LFM),
Identification of possible gaps/shortcomings at project level1

Chair: David N. Jamieson

Contribution ID: 12

Type: **not specified**

Lunch - 'Discussion of project objectives and outputs' - All

Thursday, 28 April 2022 12:00 (2 hours)

'Discussion of project objectives and outputs'-All

Contribution ID: 13

Type: **not specified**

Assessment of the project objectives, outputs and outcomes against the project design (LFM) continues

Thursday, 28 April 2022 14:00 (2 hours)

Assessment of the project objectives, outputs, and outcomes against the project design (LFM) continues

Chair: David N. Jamieson

Preparation of plans for the finalization of the project and uptake of the project results

Possible future projects, linkages, EB fund concept notes, etc.

Contribution ID: 14

Type: **not specified**

Break

Thursday, 28 April 2022 16:00 (15 minutes)

Break

Contribution ID: 15

Type: **not specified**

Proposal and discussion of the status of the book to be published as a result of the F11020 CRP

Thursday, 28 April 2022 16:15 (1h 30m)

Proposal and discussion of the status of the book to be published as a result of the F11020 CRP

Contribution ID: 16

Type: **not specified**

Drafting the Research Coordination Meeting Report

Friday, 29 April 2022 09:00 (1h 30m)

Drafting the Research Coordination Meeting Report

Chairs: Rapporteurs

Contribution ID: 17

Type: **not specified**

Break

Friday, 29 April 2022 10:30 (30 minutes)

Break

Contribution ID: **18**

Type: **not specified**

Formulation and drafting of the conclusions and recommendations

Friday, 29 April 2022 11:00 (1 hour)

Formulation and drafting of the conclusions and recommendations

Contribution ID: **19**

Type: **not specified**

Lunch - 'Discussion for conclusions and recommendations' - All

Friday, 29 April 2022 12:00 (1 hour)

'Discussion for conclusions and recommendations' - All

Contribution ID: **20**

Type: **not specified**

Final Discussions

Friday, 29 April 2022 13:00 (1 hour)

Final discussions, review, and acceptance of the Meeting Report

Contribution ID: 21

Type: **not specified**

Closing Remarks

Friday, 29 April 2022 14:00 (55 minutes)

Primary authors: SIMON, Aliz (IAEA); SCHENKEL, Thomas (Lawrence Berkeley National Laboratory)

Presenters: SIMON, Aliz (IAEA); SCHENKEL, Thomas (Lawrence Berkeley National Laboratory)

Contribution ID: 22

Type: **not specified**

Dinner San Francisco

Friday, 29 April 2022 18:00 (3 hours)

Dinner San Francisco: hosted by Thomas Schenkel

Contribution ID: 23

Type: **not specified**

Meeting Adjourns

Friday, 29 April 2022 14:55 (5 minutes)

Meeting adjourns