

**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