

RADNEXT 2nd Annual Meeting



Report of Contributions

Contribution ID: 1

Type: **not specified**

Social dinner

Tuesday 9 May 2023 20:30 (3 hours)

Contribution ID: 2

Type: **not specified**

Status, outlook and discussion of RADNEXT research activities

Contribution ID: 3

Type: **not specified**

Status, outlook and discussion of RADNEXT research activities

Contribution ID: 4

Type: **not specified**

Status, outlook and discussion of RADNEXT research activities

Contribution ID: 5

Type: **not specified**

Invited talk: Experimental Capabilities of the IFMIF-DONES Facility

Wednesday 10 May 2023 14:00 (30 minutes)

Presenter: WEBER, Moisés (IFMIF-DONES)

Contribution ID: 6

Type: **not specified**

WP4 talk 1

Contribution ID: 7

Type: **not specified**

WP4 talk 1 Q&A

Contribution ID: 8

Type: **not specified**

WP4 talk 2

Contribution ID: 9

Type: **not specified**

WP4 talk 2 Q&A

Contribution ID: **10**

Type: **not specified**

WP4 talk 3

Contribution ID: **11**

Type: **not specified**

WP4 talk 3 Q&A

Contribution ID: 12

Type: **not specified**

WP5: Development of a standardized 2 dimensional high energy dosimetry method for proton and heavy ion beams

Presenter: PFLAUM, Andreas (Carl von Ossietzky University Oldenburg)

Contribution ID: 13

Type: **not specified**

WP5: Development of a standardized 2 dimensional high energy dosimetry method for proton and heavy ion beams - Q&A

Presenter: PFLAUM, Andreas (Carl von Ossietzky University Oldenburg)

Contribution ID: 14

Type: **not specified**

WP5: Optical Fibers for dosimetry, beam instrumentation and radiation detection

Presenter: WENINGER, Luca (Laboratoire Hubert Curien - UJM)

Contribution ID: 15

Type: **not specified**

WP5: Optical Fibers for dosimetry, beam instrumentation and radiation detection - Q&A

Presenter: WENINGER, Luca (Laboratoire Hubert Curien - UJM)

Contribution ID: 16

Type: **not specified**

WP5: Effects of heavy ions on Replacement Gate memories

Presenter: BAGATIN, Marta (DEI - University of Padova)

Contribution ID: 17

Type: **not specified**

WP5: Effects of heavy ions on Replacement Gate memories - Q&A

Presenter: BAGATIN, Marta (DEI - University of Padova)

Contribution ID: 18

Type: **not specified**

WP6: Objectives and outcomes of WP6 in the second year of RADNEXT: Methodologies for Radiation Test of Systems

Presenters: ENTRENA ARRONTES, LUIS ALFONSO; DILILLO, Luigi (LIRMM/CNRS/Université de Montpellier)

Contribution ID: 19

Type: **not specified**

WP6: Objectives and outcomes of WP6 in the second year of RADNEXT: Methodologies for Radiation Test of Systems - Q&A

Presenters: ENTRENA ARRONTES, LUIS ALFONSO; DILILLO, Luigi (LIRMM/CNRS/Université de Montpellier)

Contribution ID: 20

Type: **not specified**

WP6: Results and Outcomes from Latest WP6 Test Campaigns in Radiation Facilities

Presenters: MUÑOZ, Almudena (LIRMM); MARTINS PIO DE MATTOS, Andre

Contribution ID: 21

Type: **not specified**

WP6: Results and Outcomes from Latest WP6 Test Campaigns in Radiation Facilities - Q&A

Presenters: MUÑOZ, Almudena (LIRMM); MARTINS PIO DE MATTOS, Andre

Contribution ID: 22

Type: **not specified**

WP6: Investigation of Proton-Induced Single Event Effects on the Zynq-7000 System on Chip for On-Board Computing Applications in Space Missions

Presenter: BUDROWEIT, Jan

Contribution ID: 23

Type: **not specified**

WP6: Investigation of Proton-Induced Single Event Effects on the Zynq-7000 System on Chip for On-Board Computing Applications in Space Missions - Q&A

Presenter: BUDROWEIT, Jan

Contribution ID: 24

Type: **not specified**

WP7 Introduction

Presenter: BOCH, Jerome

Contribution ID: 25

Type: **not specified**

WP7 Introduction Q&A

Presenter: BOCH, Jerome

Contribution ID: 26

Type: **not specified**

WP7: The use of high X-rays generator for TID testing

Presenter: GIRONES, Vincent (Montpellier University)

Contribution ID: 27

Type: **not specified**

WP7: The use of high X-rays generator for TID testing - Q&A

Presenter: GIRONES, Vincent (Montpellier University)

Contribution ID: 28

Type: **not specified**

WP7: title to be defined

Presenter: GUENIN, M. (University of Montpellier)

Contribution ID: 29

Type: **not specified**

WP7: title to be defined - Q&A

Presenter: GUENIN, M. (University of Montpellier)

Contribution ID: **30**

Type: **not specified**

Overview of the WP8

Presenter: WROBEL, Frédéric

Contribution ID: 31

Type: **not specified**

Overview of the WP8 - Q&A

Presenter: WROBEL, Frédéric

Contribution ID: 32

Type: **not specified**

WP8: SEU Cross Section Prediction

Presenter: MARQUES, Cleiton

Contribution ID: 33

Type: **not specified**

WP8: SEU Cross Section Prediction - Q&A

Presenter: MARQUES, Cleiton

Contribution ID: **34**

Type: **not specified**

WP8 talk 3

Contribution ID: 35

Type: **not specified**

WP8 talk 3 Q&A

Contribution ID: 36

Type: **not specified**

WP6: Current progress on the accelerator system-level testing guidelines through the new SEE tester study case

Presenter: CORONETTI, Andrea (CERN - University of Montpellier (FR))

Contribution ID: 37

Type: **not specified**

WP6: Current progress on the accelerator system-level testing guidelines through the new SEE tester study case - Q&A

Presenter: CORONETTI, Andrea (CERN - University of Montpellier (FR))

Contribution ID: 38

Type: **not specified**

WP4: Overview & Q&A

Tuesday 9 May 2023 10:30 (20 minutes)

Presenter: PELISSOU, Pierre (CERN)

Session Classification: RADNEXT updates on the ongoing research activities

Contribution ID: 39

Type: **not specified**

WP4: Survey results on future facilities & Q&A

Tuesday 9 May 2023 10:50 (20 minutes)

Presenter: PELISSOU, Pierre (CERN)

Session Classification: RADNEXT updates on the ongoing research activities

Contribution ID: 40

Type: **not specified**

WP4 talk 3 & Q&A

Session Classification: RADNEXT updates on the ongoing research activities

Contribution ID: 41

Type: **not specified**

WP5: Development of a standardized 2 dimensional high energy dosimetry method for proton and heavy ion beams & Q&A

Tuesday 9 May 2023 11:10 (20 minutes)

Presenters: PFLAUM, Andreas (Carl von Ossietzky University Oldenburg); GIRARD, Sylvain

Session Classification: RADNEXT updates on the ongoing research activities

Contribution ID: 42

Type: **not specified**

WP5: Optical Fibers for dosimetry, beam instrumentation and radiation detection & Q&A

Tuesday 9 May 2023 11:30 (20 minutes)

Presenters: WENINGER, Luca (Laboratoire Hubert Curien - UJM); GIRARD, Sylvain

Session Classification: RADNEXT updates on the ongoing research activities

Contribution ID: 43

Type: **not specified**

WP5: Effects of heavy ions on Replacement Gate memories & Q&A

Tuesday 9 May 2023 11:50 (20 minutes)

Presenters: BAGATIN, Marta (DEI - University of Padova); GIRARD, Sylvain

Session Classification: RADNEXT updates on the ongoing research activities

Contribution ID: 44

Type: **not specified**

WP6: Objectives and outcomes of WP6 in the second year of RADNEXT: Methodologies for Radiation Test of Systems & Q&A

Tuesday 9 May 2023 12:10 (20 minutes)

Presenters: DILILLO, Luigi (LIRMM/CNRS/Université de Montpellier); ENTRENA ARRONTES, Luis Alfonso

Session Classification: RADNEXT updates on the ongoing research activities

Contribution ID: 45

Type: **not specified**

WP6: Results and Outcomes from Latest WP6 Test Campaigns in Radiation Facilities & Q&A

Tuesday 9 May 2023 12:30 (20 minutes)

Presenters: LINDOSO MUÑOZ, Almudena (UC3M); MARTINS PIO DE MATTOS, André (LIRMM)

Session Classification: RADNEXT updates on the ongoing research activities

Contribution ID: 46

Type: **not specified**

WP6: Investigation of Proton-Induced Single Event Effects on the Zynq-7000 System on Chip for On-Board Computing Applications in Space Missions & Q&A

Tuesday 9 May 2023 14:00 (20 minutes)

Presenter: BUDROWEIT, Jan

Session Classification: RADNEXT updates on the ongoing research activities

Contribution ID: 47

Type: **not specified**

WP6: Current progress on the accelerator system-level testing guidelines through the new SEE tester study case & Q&A

Tuesday 9 May 2023 14:20 (20 minutes)

Presenter: CORONETTI, Andrea (CERN - University of Montpellier (FR))

Session Classification: RADNEXT updates on the ongoing research activities

Contribution ID: 48

Type: **not specified**

WP7 Introduction & Q&A

Tuesday 9 May 2023 14:40 (20 minutes)

Presenter: GIRONES, Vincent (Montpellier University)

Session Classification: RADNEXT updates on the ongoing research activities

Contribution ID: 49

Type: **not specified**

WP7: The use of high X-rays generator for TID testing & Q&A

Tuesday 9 May 2023 15:00 (20 minutes)

Presenter: GIRONES, Vincent (Montpellier University)

Session Classification: RADNEXT updates on the ongoing research activities

Contribution ID: 50

Type: **not specified**

WP7: Cumulative radiation effects on electronics: TNID

Tuesday 9 May 2023 15:20 (20 minutes)

Presenter: GIRONES, Vincent (Montpellier University)

Session Classification: RADNEXT updates on the ongoing research activities

Contribution ID: 51

Type: **not specified**

WP8: Overview and Q&A

Tuesday 9 May 2023 16:00 (20 minutes)

Presenter: WROBEL, Frédéric

Session Classification: RADNEXT updates on the ongoing research activities

Contribution ID: 52

Type: **not specified**

WP8: SEU Cross Section Prediction & Q&A

Tuesday 9 May 2023 16:20 (20 minutes)

Presenters: MARQUES, Cleiton; WROBEL, Frédéric

Session Classification: RADNEXT updates on the ongoing research activities

Contribution ID: 53

Type: **not specified**

WP8: Development of SEE simulation capabilities with Monte Carlo particle transport codes & Q&A

Tuesday 9 May 2023 16:40 (20 minutes)

Presenter: LUCSANYI, David (University of Montpellier / CERN)

Session Classification: RADNEXT updates on the ongoing research activities

Contribution ID: 54

Type: **not specified**

RADNEXT irradiation service provision: user needs and facility best practices

Wednesday 10 May 2023 11:30 (30 minutes)

Presenter: DATZMANN, Gerd (Datzmann interact & innovate)

Contribution ID: 55

Type: **not specified**

Laser-driven particle beams at CLPU

Wednesday 10 May 2023 11:00 (30 minutes)

Presenter: ALVAREZ, José-Manuel

Contribution ID: 56

Type: **not specified**

WP2 status and plans

Wednesday 10 May 2023 12:00 (30 minutes)

Presenter: CAPRIA, Ennio Tito

Contribution ID: 57

Type: **not specified**

WP3: Data driven approach to irradiation experiments proposals management and evaluation

Tuesday 9 May 2023 17:00 (20 minutes)

Presenter: SZUMEGA, Jaroslaw Mikolaj (CERN EP-DT-DD, Mines ParisTech (FR))

Session Classification: RADNEXT updates on the ongoing research activities

Contribution ID: 58

Type: **not specified**

WP2: Update on training activities

Wednesday 10 May 2023 12:30 (30 minutes)

Presenter: AGUIAR, Ygor (CERN)

Contribution ID: 59

Type: **not specified**

Prospects of EU calls for possible future RADNEXT funding

Wednesday 10 May 2023 14:30 (20 minutes)

Presenter: LEVOINTURIER-VAJDA, Cloe (CERN)

Contribution ID: **60**

Type: **not specified**

His Excellency Mr. Julián Martínez - Vice-rector for Research at University of Seville

Tuesday 9 May 2023 09:00 (1 minute)

Introduction

Session Classification: Introductory Talks

Contribution ID: **61**

Type: **not specified**

Dr. Rafael García-Tenorio - CNA Director

Tuesday 9 May 2023 09:02 (5 minutes)

Session Classification: Introductory Talks

Contribution ID: 62

Type: **not specified**

Dr. Rubén García-Alía - RADNEXT Project Coordinator

Tuesday 9 May 2023 09:07 (5 minutes)

Session Classification: Introductory Talks

Contribution ID: 63

Type: **not specified**

Prof. Dr. Pablo Cortés - Regional Government General Secretary for Research and Innovation

Tuesday 9 May 2023 09:12 (8 minutes)

Session Classification: Introductory Talks

Contribution ID: 64

Type: **not specified**

His Excellency Mr. Julián Martínez - Vice-rector for Research at University of Seville

Tuesday 9 May 2023 09:20 (8 minutes)

Opening

Session Classification: Introductory Talks

Contribution ID: 65

Type: **not specified**

Registration

Tuesday 9 May 2023 08:30 (30 minutes)

Contribution ID: **66**

Type: **not specified**

Large facility survey April 2021: Reloaded

Wednesday 10 May 2023 14:50 (10 minutes)

Presenter: DATZMANN, Gerd

Contribution ID: 67

Type: **not specified**

RADNEXT annual meeting intro: research and transnational access

Tuesday 9 May 2023 10:20 (10 minutes)

Presenter: GARCIA ALIA, Ruben (CERN)

Session Classification: RADNEXT updates on the ongoing research activities