

ET Italia: 1° Workshop on Coatings

Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome

Thursday, 30 May 2024 14:00 (10 minutes)

Presenter: PLACIDI, Ernesto (Istituto Nazionale di Fisica Nucleare)

Session Classification: State of the art in Coating Research

Contribution ID: 2

Type: **not specified**

Mirror Coating Research in GW detectors

Thursday, 30 May 2024 14:10 (30 minutes)

Presenter: CESARINI, Elisabetta (Istituto Nazionale di Fisica Nucleare)

Session Classification: State of the art in Coating Research

Contribution ID: 3

Type: **not specified**

Multi-technique investigation: short and medium range order

Thursday, 30 May 2024 14:40 (20 minutes)

Presenter: BAZZAN, Marco (Istituto Nazionale di Fisica Nucleare)

Session Classification: State of the art in Coating Research

Contribution ID: 4

Type: **not specified**

Core Optics in Einstein Telescope

Thursday, 30 May 2024 15:00 (20 minutes)

Presenter: TRAVASSO, Flavio (Istituto Nazionale di Fisica Nucleare)

Session Classification: State of the art in Coating Research

Contribution ID: 5

Type: **not specified**

Low energy electrons to cure frost and electrostatic charging in future GW mirrors

Thursday, 30 May 2024 15:50 (10 minutes)

Presenter: ANGELUCCI, Marco (Istituto Nazionale di Fisica Nucleare)

Session Classification: State of the art in Coating Research

Contribution ID: 6

Type: **not specified**

Birefringence measurements in Ferrara

Thursday, 30 May 2024 16:00 (10 minutes)

Presenter: ZAVATTINI, Guido (Istituto Nazionale di Fisica Nucleare)

Session Classification: State of the art in Coating Research

Contribution ID: 7

Type: **not specified**

UniSa/UniSannio ET Research Unit

Thursday, 30 May 2024 16:10 (10 minutes)

Presenter: GRANATA, Veronica (Dipartimento di Fisica, Università di Salerno ed INFN - sezione di Napoli)

Session Classification: State of the art in Coating Research

Contribution ID: 8

Type: **not specified**

Roma1 ET research unit

Thursday, 30 May 2024 16:20 (10 minutes)

Presenter: PLACIDI, Ernesto (Istituto Nazionale di Fisica Nucleare)

Session Classification: State of the art in Coating Research

Contribution ID: 9

Type: **not specified**

Roma Tor Vergata ET research unit

Thursday, 30 May 2024 16:30 (10 minutes)

Presenter: LUMACA, Diana (INFN Sezione di Roma Tor Vergata)

Session Classification: State of the art in Coating Research

Contribution ID: **10**

Type: **not specified**

Nitrides

Friday, 31 May 2024 09:00 (20 minutes)

Presenters: LUMACA, Diana (INFN Sezione di Roma Tor Vergata); BAZZAN, Marco (Istituto Nazionale di Fisica Nucleare)

Session Classification: Workshop on Research Lines: Objective, Participants and Timeline

Contribution ID: **11**

Type: **not specified**

Oxydes

Friday, 31 May 2024 09:20 (20 minutes)

Presenters: MAGNOZZI, Michele (Istituto Nazionale di Fisica Nucleare); GRANATA, Veronica (Dipartimento di Fisica, Università di Salerno ed INFN - sezione di Napoli)

Session Classification: Workshop on Research Lines: Objective, Participants and Timeline

Contribution ID: **12**

Type: **not specified**

Mixing Oxydes

Friday, 31 May 2024 09:40 (20 minutes)

Presenter: TRAPANANTI, Angela (Istituto Nazionale di Fisica Nucleare)

Session Classification: Workshop on Research Lines: Objective, Participants and Time-line

Contribution ID: 13

Type: **not specified**

Multimaterial / Nanolayered Coatings

Friday, 31 May 2024 10:00 (20 minutes)

Presenter: GRANATA, Veronica (Dipartimento di Fisica, Università di Salerno ed INFN - sezione di Napoli)

Session Classification: Workshop on Research Lines: Objective, Participants and Timeline

Contribution ID: 14

Type: **not specified**

Metrology of loss angle

Friday, 31 May 2024 11:40 (20 minutes)

Presenters: FABRIZI, Federica (Istituto Nazionale di Fisica Nucleare); SILENZI, Laura

Session Classification: Workshop on Research Lines: Objective, Participants and Time-line

Contribution ID: 15

Type: **not specified**

Theoretical studies on multi-component glasses

Friday, 31 May 2024 10:40 (20 minutes)

Presenter: PIERRO, Vincenzo (Istituto Nazionale di Fisica Nucleare)

Session Classification: Workshop on Research Lines: Objective, Participants and Timeline

Contribution ID: 16

Type: **not specified**

Effects of advanced annealing techniques

Friday, 31 May 2024 11:20 (20 minutes)

Presenters: MAGNOZZI, Michele (Istituto Nazionale di Fisica Nucleare); MILOTTI, Valeria (Istituto Nazionale di Fisica Nucleare)

Session Classification: Workshop on Research Lines: Objective, Participants and Timeline

Contribution ID: 17

Type: **not specified**

Amorphous semiconductor

Friday, 31 May 2024 12:00 (20 minutes)

Presenters: TRAPANANTI, Angela (Istituto Nazionale di Fisica Nucleare); PLACIDI, Ernesto (Istituto Nazionale di Fisica Nucleare)

Session Classification: Workshop on Research Lines: Objective, Participants and Timeline

Contribution ID: **18**

Type: **not specified**

Charge and Frost mitigation on cryogenic optics

Friday, 31 May 2024 12:40 (20 minutes)

Presenters: ANGELUCCI, Marco (Istituto Nazionale di Fisica Nucleare); CIMINO, Roberto (Istituto Nazionale di Fisica Nucleare)

Session Classification: Workshop on Research Lines: Objective, Participants and Timeline

Contribution ID: **19**

Type: **not specified**

Birefringence Noise - Static Birefringence

Friday, 31 May 2024 12:20 (20 minutes)

Presenter: ZAVATTINI, Guido (Istituto Nazionale di Fisica Nucleare)

Session Classification: Workshop on Research Lines: Objective, Participants and Time-line

Contribution ID: 20

Type: **not specified**

f2f meeting on: nitrides, oxydes, mixing oxydes, multi-material, metrology

Friday, 31 May 2024 14:00 (1 hour)

Session Classification: Workshop on Research Lines: f2f meeting

Contribution ID: 21

Type: **not specified**

f2f meeting on: annealing, charge and frost mitigation, amorphous semiconductor, birefringence

Friday, 31 May 2024 15:00 (1 hour)

Session Classification: Workshop on Research Lines: f2f meeting

Contribution ID: 22

Type: **not specified**

Deposition and characterization facilities in Padova

Thursday, 30 May 2024 16:40 (10 minutes)

Presenter: SKLIAROVA, Hanna (Istituto Nazionale di Fisica Nucleare)

Session Classification: State of the art in Coating Research

Contribution ID: 23

Type: **not specified**

Theoretical models: ab-initio methods

Friday, 31 May 2024 10:20 (20 minutes)

Presenters: BAZZAN, Marco (Istituto Nazionale di Fisica Nucleare); UMARI, Paolo (University of Padova)

Session Classification: Workshop on Research Lines: Objective, Participants and Timeline

Contribution ID: 24

Type: **not specified**

ET Coating Research @Università di Genova

Thursday, 30 May 2024 16:50 (10 minutes)

Presenter: CANEPA, Maurizio (GE)

Session Classification: State of the art in Coating Research