

DESY Ukraine Winter School 2023 - Events and Scientific Lecture Programme

Report of Contributions

Contribution ID: **63**

Type: **not specified**

Accelerators - Intro Lecture

Wednesday, 1 February 2023 09:30 (45 minutes)

Presenter: CASTRO-GARCIA, Pedro (MPY (Beschleunigerphysik))

Contribution ID: **64**

Type: **not specified**

Accelerators - Intro Lecture II

Wednesday, 1 February 2023 10:30 (45 minutes)

Presenter: CASTRO-GARCIA, Pedro (MPY (Beschleunigerphysik))

Contribution ID: 65

Type: **not specified**

Accelerators - Intro Lecture III

Friday, 3 February 2023 09:30 (45 minutes)

Presenter: CASTRO-GARCIA, Pedro (MPY (Beschleunigerphysik))

Contribution ID: **66**

Type: **not specified**

Accelerators - Intro Lecture IV

Friday, 3 February 2023 10:30 (45 minutes)

Presenter: CASTRO-GARCIA, Pedro (MPY (Beschleunigerphysik))

Contribution ID: 67

Type: **not specified**

Astroparticle Physics Intro/Overview Lecture I

Thursday, 9 February 2023 14:30 (45 minutes)

Presenter: DE ONA WILHELMI, Emma Maria (Z_GA (Gammaastronomie))

Contribution ID: **68**

Type: **not specified**

Astroparticle Physics Intro/Overview Lecture II

Thursday, 9 February 2023 15:30 (45 minutes)

Presenter: DE ONA WILHELMI, Emma Maria (Z_GA (Gammaastronomie))

Contribution ID: **69**

Type: **not specified**

Astroparticle Physics Intro/Overview Lecture III

Friday, 10 February 2023 09:30 (45 minutes)

Presenter: DE ONA WILHELMI, Emma Maria (Z_GA (Gammaastronomie))

Contribution ID: 70

Type: **not specified**

Astroparticle Physics Intro/Overview Lecture IV

Friday, 10 February 2023 10:30 (45 minutes)

Presenter: DE ONA WILHELMI, Emma Maria (Z_GA (Gammaastronomie))

Contribution ID: 71

Type: **not specified**

Photon Science Intro/Overview Lecture I

Monday, 13 February 2023 09:30 (45 minutes)

Presenter: BARI, Sadia (FS (Forschung mit Synchrotronstrahlung))

Contribution ID: 72

Type: **not specified**

Photon Science Intro/Overview Lecture II

Monday, 13 February 2023 10:30 (45 minutes)

Presenter: BARI, Sadia (FS (Forschung mit Synchrotronstrahlung))

Contribution ID: 73

Type: **not specified**

Photon Science Intro/Overview Lecture III

Tuesday, 14 February 2023 15:00 (45 minutes)

Presenter: BARI, Sadia (FS (Forschung mit Synchrotronstrahlung))

Contribution ID: 74

Type: **not specified**

Photon Science Intro/Overview Lecture IV

Tuesday, 14 February 2023 16:00 (45 minutes)

Presenter: BARI, Sadia (FS (Forschung mit Synchrotronstrahlung))

Contribution ID: 75

Type: **not specified**

Particle Physics Topical Lecture: Dark Matter, Axions, Alps - Part I

Wednesday, 15 February 2023 09:30 (45 minutes)

Presenters: LINDNER, Axel (ALPS (ALPS _ Any Light Particle Search)); SCHWEMMBAUER, Christina (ALPS (ALPS _ Any Light Particle Search)); RUBIERA GIMENO, Jose Alejandro (ALPS)

Contribution ID: 76

Type: **not specified**

Particle Physics Topical Lecture: Dark Matter, Axions, Alps - Part II

Wednesday, 15 February 2023 10:30 (45 minutes)

Presenters: LINDNER, Axel (ALPS (ALPS _ Any Light Particle Search)); SCHWEMMBAUER, Christina (ALPS (ALPS _ Any Light Particle Search)); RUBIERA GIMENO, Jose Alejandro (ALPS)

Contribution ID: 78

Type: **not specified**

Accelerators Topical Lecture: Plasma Wake Field Acceleration I

Wednesday, 22 February 2023 09:30 (45 minutes)

Field

DESY Place

DESY Division

DESY Group

Special Qualifications:

Presenter: OSTERHOFF, Jens (DESY)

Contribution ID: 79

Type: **not specified**

Accelerators Topical Lecture: Plasma Wake Field Acceleration II

Wednesday, 22 February 2023 10:30 (45 minutes)

Field

DESY Place

DESY Division

DESY Group

Special Qualifications:

Presenter: OSTERHOFF, Jens (DESY)

Contribution ID: 83

Type: **not specified**

Astroparticle Physics Topical Lecture: Gravitational Wave Astronomy - Part 1

Thursday, 2 February 2023 09:30 (45 minutes)

Presenter: ZHU, Sylvia Jiechen (Z_HESS (High Energy Steroscopic System))

Contribution ID: 84

Type: **not specified**

Astroparticle Physics Topical Lecture: Gravitational Wave Astronomy - Part 2

Thursday, 2 February 2023 10:30 (45 minutes)

Material and recording linked above (Part 1)

Field

DESY Place

DESY Division

DESY Group

Special Qualifications:

Presenter: ZHU, Sylvia Jiechen (Z_HESS (High Energy Steroscopic System))

Contribution ID: 85

Type: **not specified**

Introduction to Quantum Computing I

Tuesday, 21 February 2023 09:30 (45 minutes)

Presenter: KUEHN, Stefan (Z_ZPPT (Zeuthen Particle PhysicsTheory))

Contribution ID: **86**

Type: **not specified**

Introduction to Quantum Computing II

Tuesday, 21 February 2023 10:30 (45 minutes)

Presenter: KUEHN, Stefan (Z_ZPPT (Zeuthen Particle PhysicsTheory))

Contribution ID: 87

Type: **not specified**

Career training

Tuesday, 28 February 2023 10:30 (3 hours)

Presenters: LEEMANS, Annette (PE (Personalentwicklung)); LANG, Lia (DESY Zeuthen, Personal Development & Career Counseling)

Session Classification: Career Development (not public)

Contribution ID: **88**

Type: **not specified**

Photon Science Topical Lecture: Characterization of Light I

Thursday, 16 February 2023 09:30 (45 minutes)

Field

DESY Place

DESY Division

DESY Group

Special Qualifications:

Presenter: TOLEIKIS, Sven (FS-FLASH-O (FLASH Scientific User Operation))

Contribution ID: 89

Type: **not specified**

Photon Science Topical Lecture: Characterization of Light II

Thursday, 16 February 2023 10:30 (45 minutes)

Field

DESY Place

DESY Division

DESY Group

Special Qualifications:

Presenter: TOLEIKIS, Sven (FS-FLASH-O (FLASH Scientific User Operation))

Contribution ID: **90**

Type: **not specified**

Particle Physics - Introduction/Overview lecture I

Monday, 6 February 2023 09:30 (45 minutes)

Presenter: SCHOERNER-SADENIUS, Thomas (DESY)

Contribution ID: **91**

Type: **not specified**

Particle Physics - Introduction/Overview lecture II

Monday, 6 February 2023 10:30 (45 minutes)

Presenter: SCHOERNER-SADENIUS, Thomas (DESY)

Contribution ID: 92

Type: **not specified**

Particle Physics - Introduction/Overview lecture III

Tuesday, 7 February 2023 09:30 (45 minutes)

Presenter: SCHOERNER-SADENIUS, Thomas (DESY)

Contribution ID: 93

Type: **not specified**

Particle Physics - Introduction/Overview lecture IV

Tuesday, 7 February 2023 10:30 (45 minutes)

Presenter: SCHOERNER-SADENIUS, Thomas (DESY)

Contribution ID: 94

Type: **not specified**

General introduction to DESY and the winter school

Contribution ID: 95

Type: **not specified**

Welcome and general introduction

Tuesday, 31 January 2023 10:00 (30 minutes)

Topics that will be covered are relevant for all students, in Hamburg and Zeuthen, and contain

- Work projects, lecture program, tours, training events and social program
- Organisational items: communication, payment, insurance, health/crisis management, contact points

Field

DESY Place

DESY Division

DESY Group

Special Qualifications:

Presenters: LEHNER, Frank (DIB (Direktoriumsbuero)); BEHNKE, Olaf (CMS (CMS Fachgruppe TOP)); OHM, Stefan (Z_HESS (High Energy Steroscopic System))

Session Classification: Opening/Welcome Session (not public) - Part 1

Contribution ID: 96

Type: **not specified**

Hamburg intro session

Tuesday, 31 January 2023 10:30 (2h 30m)

10:30-11:00 Introduction and organisational topics relevant for students staying in Hamburg

11:00-11:30 Administrative issues: handling of agreement forms, insurance & cashier's checks

11h30-13h00 Guided Trip to bank and redemption of checks

13h00-14h00 Lunch Break in Canteen

Field

DESY Place

DESY Division

DESY Group

Special Qualifications:

Presenters: LEHNER, Frank (DIB (Direktoriumsbuero)); BEHNKE, Olaf (CMS (CMS Fachgruppe TOP))

Session Classification: Opening/Welcome Session (not public) - Part 1

Contribution ID: 97

Type: **not specified**

Zeuthen intro session

Tuesday, 31 January 2023 10:30 (2h 30m)

10:30-11:15 Introduction and organisational topics relevant for students staying in Zeuthen and handling of administrative matters.

11:15-11:45 Meet/greet with project supervisors

11:45-13:00 Lunch break in Canteen

Field

DESY Place

DESY Division

DESY Group

Special Qualifications:

Presenter: OHM, Stefan (Z_HESS (High Energy Steroscopic System))

Session Classification: Opening/Welcome Session (not public) - Part 1

Contribution ID: **98**

Type: **not specified**

Hamburg Session:

Tuesday, 31 January 2023 14:00 (5 hours)

14:00-15:00 Safety Training (Hörsaal)

15:00-15:30 Meet and Greet of the Students and their project supervisors (Hörsaal Foyer)

17:00-19:00 Welcome reception for winter students in Hamburg (Hörsaal Foyer)

- Students meet research group members and PIs
- Group photo

Field

DESY Place

DESY Division

DESY Group

Special Qualifications:

Presenters: LEHNER, Frank (DIB (Direktoriumsbuero)); BEHNKE, Olaf (CMS (CMS Fachgruppe TOP))

Session Classification: Opening/Welcome Session (not public) - Part 2

Contribution ID: 99

Type: **not specified**

Meet and great with research groups

Session Classification: Opening/Welcome Session (not public) - Part 2

Contribution ID: **100**

Type: **not specified**

Free time, other organisational contribution?

Session Classification: Opening/Welcome Session (not public) - Part 2

Contribution ID: **101**

Type: **not specified**

Welcome reception for winter students in Hamburg

- Students meet research group members and PIs
- Group photo

Field

DESY Place

DESY Division

DESY Group

Special Qualifications:

Session Classification: Opening/Welcome Session (not public) - Part 2

Contribution ID: **102**

Type: **not specified**

Welcome reception for winter students in Zeuthen

- Students meet research group members and PIs
- Group photo (Canteen or Lake)

Session Classification: Opening/Welcome Session (not public) - Part 2

Contribution ID: 103

Type: **not specified**

Zeuthen: Meet/Greet of the Students and their project supervisors

Field

DESY Place

DESY Division

DESY Group

Special Qualifications:

Session Classification: Opening/Welcome Session (not public) - Part 1

Contribution ID: **104**

Type: **not specified**

Introduction to Machine Learning - Part 1

Thursday, 23 February 2023 09:30 (45 minutes)

Presenter: Dr SADEH, Iftach (Z_CTAS (CTA IKC))

Contribution ID: **105**

Type: **not specified**

Introduction to Machine Learning - Part 2

Thursday, 23 February 2023 10:30 (45 minutes)

Presenter: Dr SADEH, Iftach (Z_CTAS (CTA IKC))

Contribution ID: **106**

Type: **not specified**

Fellowships and support programs (DAAD) - Part 1

Monday, 20 February 2023 09:30 (45 minutes)

Field

DESY Place

DESY Division

DESY Group

Special Qualifications:

Presenter: SAKACH, Sonja (DAAD)

Session Classification: Fellowships and Support Programs (DAAD) (not public)

Contribution ID: **107**

Type: **not specified**

Fellowships and support programs (DAAD) - Part 2

Monday, 20 February 2023 10:30 (45 minutes)

Field

DESY Place

DESY Division

DESY Group

Special Qualifications:

Presenter: SAKACH, Sonja (DAAD)

Session Classification: Fellowships and Support Programs (DAAD) (not public)

Contribution ID: **108**

Type: **not specified**

Introduction to Machine Learning - Part 3

Friday, 24 February 2023 09:30 (45 minutes)

Presenter: Dr SADEH, Iftach (Z_CTAS (CTA IKC))

Contribution ID: **109**

Type: **not specified**

Introduction to Machine Learning - Part 4

Friday, 24 February 2023 10:30 (45 minutes)

Presenter: Dr SADEH, Iftach (Z_CTAS (CTA IKC))

Contribution ID: **110**

Type: **not specified**

Winter School Photo Shooting

Wednesday, 8 February 2023 14:00 (10 minutes)

Session Classification: DESY Tours and social evening (not public)

Contribution ID: **111**

Type: **not specified**

DESY Tour

Wednesday, 8 February 2023 14:10 (2 hours)

Session Classification: DESY Tours and social evening (not public)

Contribution ID: **112**

Type: **not specified**

School Reception

Wednesday, 8 February 2023 18:00 (4 hours)

Session Classification: DESY Tours and social evening (not public)

Contribution ID: **113**

Type: **not specified**

XFEL Tour

Monday, 27 February 2023 14:00 (2h 30m)

Session Classification: XFEL Tour, Dinner and Elphilharmonie Concert (not public)

Contribution ID: **114**

Type: **not specified**

Dinner in Harbour City

Monday, 27 February 2023 18:30 (1h 45m)

Session Classification: XFEL Tour, Dinner and Elphilharmonie Concert (not public)

Contribution ID: 115

Type: **not specified**

Elbphilharmonie Concert Hauschka & Kai Angermann

Monday, 27 February 2023 21:00 (2 hours)

<https://www.elbphilharmonie.de/de/programm/hauschka-kai-angermann/19274>

Field

DESY Place

DESY Division

DESY Group

Special Qualifications:

Session Classification: XFEL Tour, Dinner and Elphilharmonie Concert (not public)

Contribution ID: **116**

Type: **not specified**

Zeuthen session

Tuesday, 31 January 2023 13:00 (4 hours)

13:00-14:00 Safety Training, Speaker: Ronald Zinke (Villa)

15:00-17:00 Welcome reception for winter students in Zeuthen (Canteen)

- Students meet research group members and PIs
- Group photo (Canteen or Lake)

Presenters: ZINKE, Ronald (DESY); OHM, Stefan (Z_HESS (High Energy Steroscopic System))

Session Classification: Opening/Welcome Session (not public) - Part 2

Contribution ID: 117

Type: **not specified**

Welcome Breakfast (Zeuthen

Session Classification: Opening/Welcome Session (not public) - Part 1

Contribution ID: 118

Type: **not specified**

Hamburg: Administrative issues: handling of agreement forms, insurance & cashier's checks

Field

DESY Place

DESY Division

DESY Group

Special Qualifications:

Session Classification: Opening/Welcome Session (not public) - Part 1

Contribution ID: 119

Type: **not specified**

Hamburg: Guided Trip to bank and redemption of checks

Field

DESY Place

DESY Division

DESY Group

Special Qualifications:

Session Classification: Opening/Welcome Session (not public) - Part 1

Contribution ID: 120

Type: **not specified**

Hamburg: Meet and Greet of the Students and their project supervisors

Session Classification: Opening/Welcome Session (not public) - Part 2

Contribution ID: 121

Type: **not specified**

Hamburg Touristic Marathon (slides from 2019)

Friday, 3 February 2023 17:00 (35 minutes)

Presenter: BEHNKE, Olaf (CMS (CMS Fachgruppe TOP))

Contribution ID: 122

Type: **not specified**

Presentation of scientific results

Thursday, 2 March 2023 10:00 (1h 15m)

Field

DESY Place

DESY Division

DESY Group

Special Qualifications:

Presenter: TORBANIUK, Olena (Department of Physics, University Federico II in Naples, Italy)