

# **Summer Students @ DESY Zeuthen 2024**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

# Gamma-ray Astronomy I

*Wednesday, 17 July 2024 09:30 (1h 30m)*

**Presenter:** ZHU, Sylvia Jiechen (Z\_HESS (High Energy Steroscopic System))

Contribution ID: 2

Type: **not specified**

## Gamma-ray Astronomy II

*Thursday, 18 July 2024 09:30 (1h 30m)*

**Presenter:** ZHU, Sylvia Jiechen (Z\_HESS (High Energy Steroscopic System))

Contribution ID: 3

Type: **not specified**

# Introduction to the Standard Model I

*Monday, 22 July 2024 09:30 (1h 30m)*

**Presenter:** Dr LOPEZ SOLIS, Alvaro (Z\_ATLAS (Experiment ATLAS))

Contribution ID: 4

Type: **not specified**

## **Introduction to the Standard Model II**

*Tuesday, 23 July 2024 09:30 (1h 30m)*

**Presenter:** Dr LOPEZ SOLIS, Alvaro (Z\_ATLAS (Experiment ATLAS))

Contribution ID: 5

Type: **not specified**

## Introduction to the Standard Model III

*Wednesday, 24 July 2024 09:30 (1h 30m)*

**Presenter:** Dr LOPEZ SOLIS, Alvaro (Z\_ATLAS (Experiment ATLAS))

Contribution ID: 6

Type: **not specified**

# Neutrino Physics I

*Monday, 29 July 2024 09:30 (1h 30m)*

**Presenter:** BLOT, Summer (Z\_ICE (IceCube+NG))

Contribution ID: 7

Type: **not specified**

## Neutrino Physics II

*Tuesday, 30 July 2024 09:30 (1h 30m)*

**Presenter:** BLOT, Summer (Z\_ICE (IceCube+NG))



Contribution ID: 8

Type: **not specified**

## Machine Learning II

*Thursday, 1 August 2024 10:30 (1h 30m)*

**Presenter:** Dr SADEH, Iftach (Z\_CTAS (CTA IKC))

Contribution ID: 9

Type: **not specified**

## Introduction into Data Analysis II

**Presenter:** GUETA, Orel (Z\_CTA (Cherenkov Telescope Array))

Contribution ID: **10**

Type: **not specified**

# Quantum Computing II

*Tuesday, 6 August 2024 09:30 (1h 30m)*

**Presenter:** KUEHN, Stefan (CQTA (Centre f. Quantum Techno. a. Application))

Contribution ID: 11

Type: **not specified**

# Quantum Computing III

*Wednesday, 7 August 2024 09:30 (1h 30m)*

**Presenter:** KUEHN, Stefan (CQTA (Centre f. Quantum Techno. a. Application))

Contribution ID: 12

Type: **not specified**

# Accelerator Physics I

*Thursday, 8 August 2024 09:30 (1h 30m)*

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

Contribution ID: 13

Type: **not specified**

## Accelerator Physics II

*Friday, 9 August 2024 09:30 (1h 30m)*

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

Contribution ID: 14

Type: **not specified**

## Accelerator R&D at DESY

*Monday, 12 August 2024 10:00 (1h 30m)*

**Presenter:** OPPELT, Anne (Z\_PITZ (Technologie))

Contribution ID: 15

Type: **not specified**

# Astroparticle Theory I

*Tuesday, 13 August 2024 10:00 (1h 30m)*

**Presenter:** POHL, Martin (Z\_THAT (Theoretische Astroteilchenphysik))



Contribution ID: **16**

Type: **not specified**

## **Astroparticle Theory II**

*Wednesday, 14 August 2024 10:00 (1h 30m)*

**Presenter:** POHL, Martin (Z\_THAT (Theoretische Astroteilchenphysik))

Contribution ID: 17

Type: **not specified**

## Astroparticle Theory III

*Thursday, 15 August 2024 10:00 (1h 30m)*

**Presenter:** POHL, Martin (Z\_THAT (Theoretische Astroteilchenphysik))

Contribution ID: **18**

Type: **not specified**

## Trip to Hamburg

*Thursday, 22 August 2024 09:00 (9 hours)*

Contribution ID: **19**

Type: **not specified**

## **Trip to Hamburg**

*Friday, 23 August 2024 09:00 (9 hours)*

Contribution ID: 20

Type: **not specified**

# Physics Beyond the Standard Model I

*Monday, 26 August 2024 09:30 (1h 30m)*

**Presenter:** KUHL, Thorsten (Z\_ATLAS (Experiment ATLAS))

Contribution ID: 21

Type: **not specified**

## Physics Beyond the Standard Model II

*Tuesday, 27 August 2024 09:30 (1h 30m)*

**Presenter:** KUHL, Thorsten (Z\_ATLAS (Experiment ATLAS))

Contribution ID: 22

Type: **not specified**

## **Career Orientation Workshop**

*Wednesday, 28 August 2024 13:00 (3 hours)*

**Presenter:** LEEMANS, Annette (PE (Personalentwicklung))

Contribution ID: 23

Type: **not specified**

## Final Student Presentation

*Wednesday, 4 September 2024 10:00 (2 hours)*



Contribution ID: 24

Type: **not specified**

## Final Student Presentation

*Thursday, 5 September 2024 10:00 (2 hours)*

Contribution ID: 25

Type: **not specified**

## **Guided tour through IT center**

Meeting point: In front of the IT ("Rechenzentrum")

**Presenter:** WASCHK, Goetz (Z\_DV (Datenverarbeitung))

Contribution ID: 26

Type: **not specified**

## Pavlo - PhD Project

**Presenter:** PLOTKO, Pavlo (Z\_THAT (Theoretische Astroteilchenphysik))

Contribution ID: 27

Type: **not specified**

## Vasu - PhD Project

**Presenter:** SHAW, Vasundhara (DESY)

Contribution ID: 28

Type: **not specified**

## **Vlad - PhD Project**

**Presenter:** BERLEA, Vlad Dumitru (None)

Contribution ID: 29

Type: **not specified**

## Maria - PhD Project

**Presenter:** KHERLAKIAN, Maria Carolina (Z\_CTA (Cherenkov Telescope Array))

Contribution ID: **30**

Type: **not specified**

## **Reproducibility, tools, data management**

**Presenter:** MAIER, Gernot (DESY)

Contribution ID: 31

Type: **not specified**

## **Gamma-ray Astronomy III**

*Friday, 19 July 2024 09:30 (1h 30m)*

**Presenter:** ZHU, Sylvia Jiechen (Z\_HESS (High Energy Steroscopic System))



Contribution ID: 32

Type: **not specified**

# Introduction to Data Analysis I

*Thursday, 25 July 2024 09:30 (1h 30m)*

**Presenter:** PARSONS, Robert Daniel (None)

Contribution ID: 33

Type: **not specified**

## Introduction to Data Analysis II

*Friday, 26 July 2024 09:30 (1h 30m)*

**Presenter:** PARSONS, Robert Daniel (None)

Contribution ID: 34

Type: **not specified**

# Machine Learning I

*Wednesday, 31 July 2024 10:30 (1h 30m)*

**Presenter:** Dr SADEH, Iftach (Z\_CTAS (CTA IKC))

Contribution ID: 35

Type: **not specified**

# Quantum Computing I

*Monday, 5 August 2024 09:30 (1h 30m)*

**Presenter:** KUEHN, Stefan (CQTA (Centre f. Quantum Techno. a. Application))

Contribution ID: 36

Type: **not specified**

## Data Management

*Wednesday, 28 August 2024 09:30 (1h 30m)*

**Presenter:** MAIER, Gernot (DESY)

Contribution ID: 37

Type: **not specified**

## Trip to Hamburg

*Saturday, 24 August 2024 09:00 (9 hours)*

Contribution ID: **38**

Type: **not specified**

## **Trip to Hamburg**

*Sunday, 25 August 2024 09:00 (9 hours)*

Contribution ID: **39**

Type: **not specified**

## **Alumni Event With Former Summer Students**

*Wednesday, 28 August 2024 16:00 (2 hours)*



Contribution ID: 40

Type: **not specified**

## Welcome & Introduction

*Tuesday, 16 July 2024 09:00 (3 hours)*

**Presenters:** MAIER, Gernot (DESY); SEIBT, Sarah (Z\_KOM (Kommunikation))

Contribution ID: 41

Type: **not specified**

## Warm-up Party at the Lake

Contribution ID: 42

Type: **not specified**

## Warm-up Party at the Lake

*Wednesday, 17 July 2024 15:00 (2 hours)*

Contribution ID: 43

Type: **not specified**

## **Berlin City Tour**

*Friday, 26 July 2024 13:00 (5 hours)*

Contribution ID: 44

Type: **not specified**

## HH - Flash

*Friday, 23 August 2024 10:00 (45 minutes)*

FLASH Seminar Room(<https://maps.app.goo.gl/FyBoUbZ2rMrqs9nL6>)

Contribution ID: 45

Type: **not specified**

## HH Testbeam

*Friday, 23 August 2024 10:45 (45 minutes)*

MP: Geb. 27 (Nordtor; <https://maps.app.goo.gl/KmewXzNyJYnvAbzk9>);

Contribution ID: 46

Type: **not specified**

## HH Lunch Break - canteen

*Friday, 23 August 2024 11:30 (1 hour)*

Contribution ID: 47

Type: **not specified**

## HH Tour

*Friday, 23 August 2024 12:30 (2 hours)*



Contribution ID: 48

Type: **not specified**

## HH XFEL Tour

*Thursday, 22 August 2024 15:00 (2 hours)*

Please observe [https://www.xfel.eu/besucherinnen/gefuehrte\\_besichtigungen/index\\_ger.html](https://www.xfel.eu/besucherinnen/gefuehrte_besichtigungen/index_ger.html)

Contribution ID: 49

Type: **not specified**

## **My professional career - With Prof. Dr. Anna Nelles**

*Thursday, 1 August 2024 13:30 (1 hour)*

Contribution ID: 50

Type: **not specified**

## **My professional career - With Dr. Wiebke Schubotz**

*Tuesday, 6 August 2024 13:30 (1 hour)*

Contribution ID: 51

Type: **not specified**

## **My professional career - With Pavlo Plotko**

*Friday, 2 August 2024 11:00 (1 hour)*

Contribution ID: 52

Type: **not specified**

## **My professional career - With Dr. Jakob van Santen**

*Wednesday, 31 July 2024 13:30 (1 hour)*

Contribution ID: 53

Type: **not specified**

## **My professional career - With Sylvia Zhu**

*Monday, 5 August 2024 13:30 (1 hour)*

Contribution ID: 54

Type: **not specified**

## **My professional career - With Mahmoud Al-Awashra**

*Friday, 16 August 2024 10:00 (1 hour)*

Contribution ID: 55

Type: **not specified**

## Introduction Water Sports

*Wednesday, 7 August 2024 13:00 (20 minutes)*



Contribution ID: 56

Type: **not specified**

## Group Picture

*Tuesday, 3 September 2024 09:30 (10 minutes)*

Contribution ID: 57

Type: **not specified**

## **Lunch at the lake**

*Thursday, 5 September 2024 12:30 (1 hour)*

Contribution ID: 58

Type: **not specified**

## **Walter Winter, "How to write and read article."**

*Thursday, 29 August 2024 15:00 (1 hour)*

Contribution ID: 59

Type: **not specified**

## **Markus Ackermann, "What to do's and don't's during a PhD interview."**

*Friday, 30 August 2024 10:30 (1 hour)*