

DESY Summerstudent Lecture Programme

Report of Contributions

Contribution ID: 1

Type: **not specified**

Introduction to Particle Physics: Part 1

Wednesday 28 July 2021 14:00 (45 minutes)

Presenter: GEISER, Achim (CMS (CMS Fachgruppe QCD))

Contribution ID: 2

Type: **not specified**

Introduction to Particle Physics: Part 2

Wednesday 28 July 2021 15:15 (45 minutes)

Presenter: GEISER, Achim (CMS (CMS Fachgruppe QCD))

Contribution ID: 3

Type: **not specified**

Introduction to Particle Physics: Part 3

Thursday 29 July 2021 14:00 (45 minutes)

Presenter: GEISER, Achim (CMS (CMS Fachgruppe QCD))

Contribution ID: 4

Type: **not specified**

Introduction to Particle Physics: Part 4

Thursday 29 July 2021 15:15 (45 minutes)

Presenter: GEISER, Achim (CMS (CMS Fachgruppe QCD))

Contribution ID: 5

Type: **not specified**

Accelerators

Monday 2 August 2021 14:00 (45 minutes)

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

Contribution ID: 6

Type: **not specified**

HEP: Detectors 1

Tuesday 3 August 2021 14:00 (45 minutes)

Presenter: GREGOR, Ingrid-Maria (DESY/Uni Bonn)

Contribution ID: 7

Type: **not specified**

HEP: Detectors 2

Wednesday 4 August 2021 14:00 (45 minutes)

Presenter: GREGOR, Ingrid-Maria (DESY/Uni Bonn)

Contribution ID: 8

Type: **not specified**

HEP: Theory

Thursday 5 August 2021 14:00 (45 minutes)

Presenter: GROJEAN, Christophe (DESY)

Contribution ID: 9

Type: **not specified**

HEP: LHC Physics

Monday 9 August 2021 14:00 (45 minutes)

Presenters: HEIM, Sarah (DESY); HEIM, Sarah (ATLAS (ATLAS Dark Matter with Higgs))

Contribution ID: **10**

Type: **not specified**

HEP: QCD

Tuesday 10 August 2021 14:00 (45 minutes)

Presenter: JUNG, Hannes (CMS (CMS Fachgruppe QCD))

Contribution ID: **11**

Type: **not specified**

Astroparticle Physics

Wednesday 11 August 2021 14:00 (45 minutes)

Presenter: MAIER, Gernot (Z_CTA (Cherenkov Telescope Array))

Contribution ID: **12**

Type: **not specified**

Dark Matter

Thursday 12 August 2021 14:00 (45 minutes)

Presenter: LINDNER, Axel (ALPS (ALPS _ Any Light Particle Search))

Contribution ID: **13**

Type: **not specified**

HEP: Neutrino Physics

Monday 16 August 2021 14:00 (45 minutes)

Presenter: WINTER, Walter (DESY)

Contribution ID: **14**

Type: **not specified**

HEP: Flavour Physics

Tuesday 17 August 2021 14:00 (45 minutes)

Presenter: LONGO, Savino (DESY)

Contribution ID: 15

Type: **not specified**

HEP: Future Accelerators

Wednesday 18 August 2021 14:00 (45 minutes)

Presenter: Dr BUESSER, Karsten (DESY)

Contribution ID: **16**

Type: **not specified**

HEP: Plasma accelerators

Thursday 19 August 2021 14:00 (45 minutes)

Presenter: OSTERHOFF, Jens (DESY)

Contribution ID: 17

Type: **not specified**

Test

Contribution ID: **18**

Type: **not specified**

Test

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

Contribution ID: **19**

Type: **not specified**

Introduction to Photon Science: Part 1

Monday 26 July 2021 14:00 (45 minutes)

Presenter: BARI, Sadia (FS-SCS (Strukturdynamik Chemischer Systeme))

Contribution ID: 20

Type: **not specified**

Introduction to Photon Science: Part 3

Tuesday 27 July 2021 14:00 (45 minutes)

Presenter: BARI, Sadia (FS-SCS (Strukturdynamik Chemischer Systeme))

Contribution ID: **21**

Type: **not specified**

PS: Fundamentals of X-Ray-Matter Interaction: Part 1

Monday 2 August 2021 11:00 (50 minutes)

Lecture

Presenter: SON, Sang-Kil (CFEL-DESY)

Contribution ID: 22

Type: **not specified**

PS: Fundamentals of X-Ray-Matter Interaction: Part 1

Monday 2 August 2021 12:00 (30 minutes)

Hands-on Training

Presenter: SON, Sang-Kil (CFEL-DESY)

Contribution ID: 23

Type: **not specified**

PS: Fundamentals of X-Ray-Matter Interaction: Part 2

Tuesday 3 August 2021 11:00 (50 minutes)

Lecture

Presenter: SON, Sang-Kil (CFEL-DESY)

Contribution ID: 24

Type: **not specified**

PS: Fundamentals of X-Ray-Matter Interaction: Part 2

Tuesday 3 August 2021 12:00 (30 minutes)

Hands-on Training

Presenter: SON, Sang-Kil (CFEL-DESY)

Contribution ID: 25

Type: **not specified**

PS: Atoms in intense light fields

Wednesday 4 August 2021 11:00 (1h 15m)

Presenter: SANTRA, Robin (DESY & UHH)

Contribution ID: 26

Type: **not specified**

PS: Polyatomic systems at high x-ray intensity

Thursday 5 August 2021 11:00 (1h 15m)

Presenter: SANTRA, Robin (DESY & UHH)

Contribution ID: 27

Type: **not specified**

PS: Laser and Optics: Part 1

Monday 9 August 2021 11:00 (1h 30m)

Presenter: Dr DEMIRBAS, Ümit (UFOX, CFEL)

Contribution ID: 28

Type: **not specified**

PS: Laser and Optics: Part 2

Tuesday 10 August 2021 11:00 (1h 30m)

Presenter: Dr DEMIRBAS, Ümit (UFOX, CFEL)

Contribution ID: 29

Type: **not specified**

PS: Reciprocal space and principles of diffraction: Part 1

Wednesday 11 August 2021 11:00 (1h 30m)

Presenter: YEFANOV, Oleksandr (FS-CFEL-1 (Forschung mit Photonen Experimente 1))

Contribution ID: **30**

Type: **not specified**

PS: Photon-based characterization of functional and biomaterials

Friday 13 August 2021 11:00 (1h 30m)

Presenter: Prof. ROTH, Stephan (DESY, PETRA-D)

Contribution ID: **31**

Type: **not specified**

PS: Molecular Science: Part 1

Monday 16 August 2021 11:00 (1h 30m)

Presenter: TRIPPEL, Sebastian (FS-CFEL-1-CMI (FS-CFEL-1 Fachgruppe CMI))

Contribution ID: 32

Type: **not specified**

PS: Molecular Science: Part 2

Tuesday 17 August 2021 11:00 (1h 30m)

Presenters: SAMANTA, Amit Kumar (FS-CFEL-1-CMI (FS-CFEL-1 Fachgruppe CMI)); SAMANTA, Amit (Deutsches Elektronen-Synchrotron DESY)

Contribution ID: 33

Type: **not specified**

PS: X-Ray Nano-Analytics and Microscopy: Part 1

Friday 6 August 2021 11:00 (1h 30m)

Presenter: SCHROER, Christian (DESY)

Contribution ID: **34**

Type: **not specified**

Introduction to Photon Science: Part 2

Monday 26 July 2021 15:00 (45 minutes)

Presenter: BARI, Sadia (FS-SCS (Strukturdynamik Chemischer Systeme))

Contribution ID: 35

Type: **not specified**

Introduction to Photon Science: Part 4

Tuesday 27 July 2021 15:00 (45 minutes)

Presenter: BARI, Sadia (FS-SCS (Strukturdynamik Chemischer Systeme))

Contribution ID: 36

Type: **not specified**

PS: Reciprocal space and principles of diffraction: Part 2

Thursday 12 August 2021 11:00 (1h 30m)

Presenter: YEFANOV, Oleksandr (FS-CFEL-1 (Forschung mit Photonen Experimente 1))

Contribution ID: 37

Type: **not specified**

PS: Spectroscopy of Quantum Materials

Wednesday 18 August 2021 11:00 (1h 30m)

Presenter: ROSSNAGEL, Kai (FS-SXQM (Soft X-ray Spectroscopy of Quantum Mat.))

Contribution ID: **38**

Type: **not specified**

PS: X-Ray Physics and Nanoscience

Thursday 19 August 2021 11:00 (1h 30m)

Presenter: STIERLE, Andreas (FS-NL (Nanolab))

Contribution ID: 39

Type: **not specified**

PS: X-Ray Nano-Analytics and Microscopy: Part 2

Friday 6 August 2021 14:00 (1h 30m)

Presenter: SCHROER, Christian (DESY)