Karlsruhe School of Elementary Particle and Astroparticle Physics: Science and Technology (KSETA)

KSETA is the graduate school associated with the KIT Center Elementary Particle and Astroparticle Physics KCETA, which bundles experimental and theoretical research and education at the interface between astronomy, astrophysics, elementary particle physics and cosmology.

We hereby certify that the doctoral researcher

Shailaja Mohanty

has attended the following courses during his/her time in the graduate school KSETA.

Presenting Science: How to prepare a scientific presentation with impact
Sep 2023 – Feb 2024 *Cigdem Issever (HU Berlin)*

Vacuum Science and Technology - Rarified gas dynamics
May 06 – 08 2024 *Felix Sharipov (Federal University of Parana)*

Scientific Writing: 2024
Feb 22 – 23 2024 *CJ Fitzsimons*

The Standard Model Effective Field Theory- theory and phenomenological applications
Feb 19 – 20 2024 *Ilaria Brivio*

Selected Topics on Instrumentation for Particle and Astroparticle Physics
Sep 22, 25 2023 *Elena Aprile (Columbia University, USA)*

Tools and Techniqüs for Sustainable Research Software Development
Oct 04 2023 *Rene Caspart (KIT) and Michele Mesiti (KIT)*

ISAPP 2023: Neutrino physics, astrophysics and cosmology
June 27 – Jul 06 2023 2023 *Gianpaolo Bellini, Marco Bersanelli, Gioacchino Ranucci*

Scientific presentation
Oct 25, 27 2022 *E. Magyarosi*

Projectmanagement
Oct 17, 21 2022 *Udo Erdmann (tiber)*

Python for Scientists (intense course)
Oct 11, 14, 19 2022 *Maurice Maurer (training-scientists.de)*

Symmetry principles of Particle Physics for experimentalists
Oct 11, 13 2022 *Ulrich Nierste*

PhD Summer School on Neutrinos Here, There and Everywhere
Jul 11 – 15 2022 *Neils Bohr Institute*

Neutrino Nucleus Interactions in the Standaard Model and Beyond- Virtual
Jan 17 –21 2022 *CERN*

Scientific Writing: Improving your ability to compose scientific texts
Feb 25, Mar 11,18, Apr 01 2022 *Angela Althen, KHYS*

Statistical methods in particle physics data analysis 2022
Feb 16, 24 2022 *Andreas Meyer (DESY)*

Introduction to general relativity for experimentalists
Feb 15, 17 2022 *Eva Hackmann (Bremen)*

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Monte Carlo simulations
Feb 14, 18 2022 *Stefan Gieseke (KIT)*

Theoretical Particle Physics I (2022)
Apr 19 – Jul 29 2022 2022 *Gudrun Heinrich, KIT*

Modern Methods of Data Analysis
Apr 01 – Sept 30 2022 *Pablo Goldenzweig, Roger Wolf*

Neutrino mass phenomenology
Oct 14, 15 2021 *Werner Rodejohann (MPIK)*

Low-Temperature (Superconductive) Detectors
Oct 11, 14 2021 *Sebastian Kempf*

Broad introduction into modern experimental particle physics
Oct 11, 13 2021 *Frank Hartmann*

Karlsruhe, October 18, 2024

Dr. Katrin Link
Managing Director