



Karlsruhe Institute of Technology

# ETP Monday Meeting

26.08.2024

Markus KLUTE ([markus.klute@kit.edu](mailto:markus.klute@kit.edu))  
Institute of Experimental Particle Physics (ETP)

A dark-themed banner for the ETP (Institute of Experimental Particle Physics). On the left, there is a snippet of Python code. In the center, the text 'Institut für Experimentelle Teilchenphysik (ETP)' is written in a large, white, sans-serif font. On the right, the ETP logo is displayed, consisting of the letters 'ETP' in white with a teal circular graphic behind the 'P'. Below the logo, the full name 'Institut für Experimentelle Teilchenphysik' is written in a smaller white font. The background features a teal world map at the bottom right, a teal circular graphic at the bottom center, and a network of white lines and stars on a dark background.

```
def main(args, config):
    logger.info(args)
    import numpy as np
    np.random.seed(int(config["seed"]))
    import ROOT
    ROOT.PyConfig.IgnoreCommandLineOptions()
    import root_numpy
    import matplotlib as mpl
    mpl.use('Agg')
    import matplotlib.pyplot as plt

    import tensorflow as tf
    logger.debug(tf.__file__)
    tf.set_random_seed(int(config["seed"]))
    from keras import set_session
    tfconfig = tf.ConfigProto()
    tfconfig.gpu_options.allow_growth = True
    set_session(tf.Session(config=tfconfig))

    from sklearn import preprocessing, model_selection
    import keras.models
    from keras.callbacks import ReduceLROnPlateau,
        EarlyStopping, ModelCheckpoint

    # Extract list of variables
```

Institut für  
Experimentelle  
Teilchenphysik (ETP)

**ETP**  
Institut für Experimentelle Teilchenphysik

# New Team Members

- ... please introduce yourself



Center for Technology-Enhanced Learning

Homepage > Learning Opportunities > Pupils > Science Camps > Science Camp Physics

## Science Camp Physics

Why do we build particle accelerators and what can we observe with them? Why do we need knowledge from particle physics to understand the origin of the universe and the processes within it? And what possible applications do the technologies based on this have in everyday life?

- Many thanks to Günter and his team





# Schlosslichtspiele



- Small ETP group enjoyed the event last Thursday
- Highly recommended!





- **Celebrating CERNs 70 anniversary at KIT Sep.19-21**
  - Sep 19: Viewing party of PARTICLE FEVER with Q&A at the Triangle
  - Sep 20: Discussion with VP Kraft, Anke-Susanne Müller, Bernhard Eitel and Rolf Heuer
    - Need good turn-up here. Free drinks and snacks!
  - Sep 21: Family and friends from 11am & Stulle (Late Night) with Benedikt Maier in the evening
    - Saturday morning will need helpers for workshops
- Some prep work needed for all three days. We will set up a good doc with details



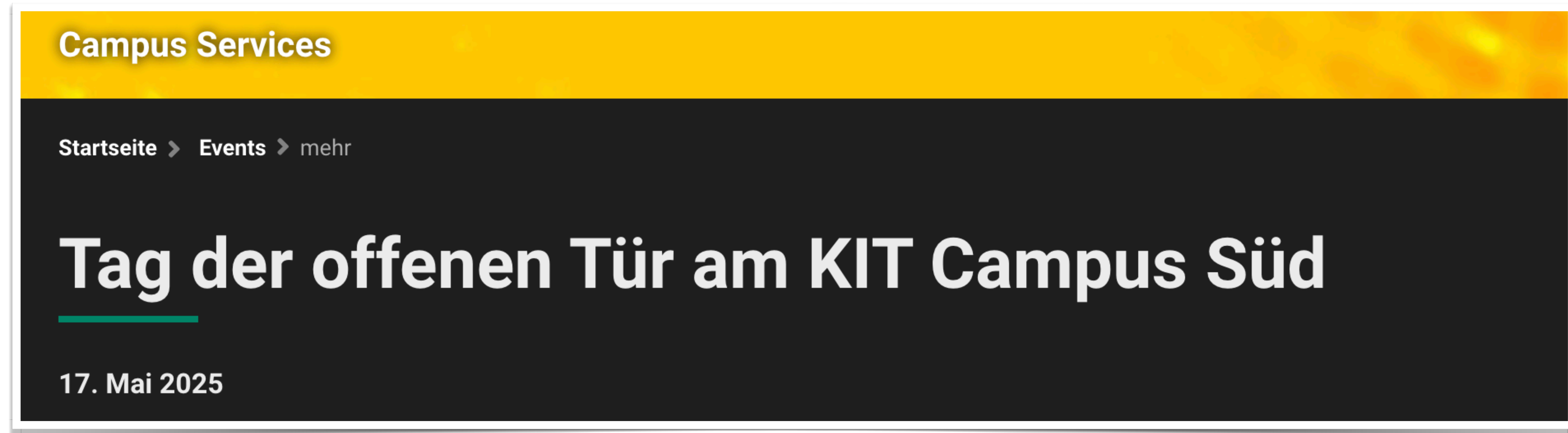
# ETP Hike ++





# Study Info Day, Open Day, and Campus Day 2025

- Nov. 20th, 2024 (Studieninformationstag)
- May 17th, 2025 celebrating KIT's 200 birthday and campus day
- Please mark your calendar!



Campus Services

[Startseite](#) > [Events](#) > [mehr](#)

## Tag der offenen Tür am KIT Campus Süd

17. Mai 2025