



Karlsruhe Institute of Technology

ETP Monday Meeting

12.08.2024

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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 white. 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 white. 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

Teaching by PhD students

- Default teaching load by ETP PhD students in 3 courses in 3 years.
- We try to share the load and record contributions
 - Not all courses account for 100%
 - Core admin are exempt, i.e. do not teach during their term
- There are exceptions
 - Departmental teaching changes like last fall
 - Longer CERN (or elsewhere) stays
- As always, if in doubt, discuss with your favorite professor

CMS FSP Meeting

- Sep 25-27 in Aachen
 - <https://indico.cern.ch/event/1393322/>
- Abstracts are due Aug 22
- Please coordinate travel and accommodation



The poster features a dark blue background with a photograph of the Aachen Cathedral at night. The text is in white and light blue. At the top left is the FSP CMS logo, and at the top right is the CMS Germany logo. The main title 'DCMS Annual Meeting 2024' is in large white letters. Below it, the dates and location are listed in light blue. At the bottom, there is a QR code, the RWTH Aachen University logo, and contact information for the local organizing committee.

FSP
CMS

CMS
Germany

DCMS

Annual Meeting 2024

September 25 – 27
RWTH Aachen University
CARL-Hörsaalzentrum

More information at indico.cern.ch/event/1393322

Local Organizing Committee:
Valeria Botta, Sandra Consuegra Rodriguez, Lutz Feld,
Katja Klein, Martin Lipinski, Danyer Perez Adan

RWTHAACHEN
UNIVERSITY

CERN-70 @ KIT

- 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, etc.
 - Sep 21: Family and friends from 11am & Stulle (Late Night) with Benedikt Maier in the evening
- Please mark you calendar !!!

Do 19.09. / 19h ↳ OPEN AIR KINO
Gemeinsam schauen wir den Film „Particle Fever“ und erfahren mehr über die Entdeckung des Higgs-Teilchens.

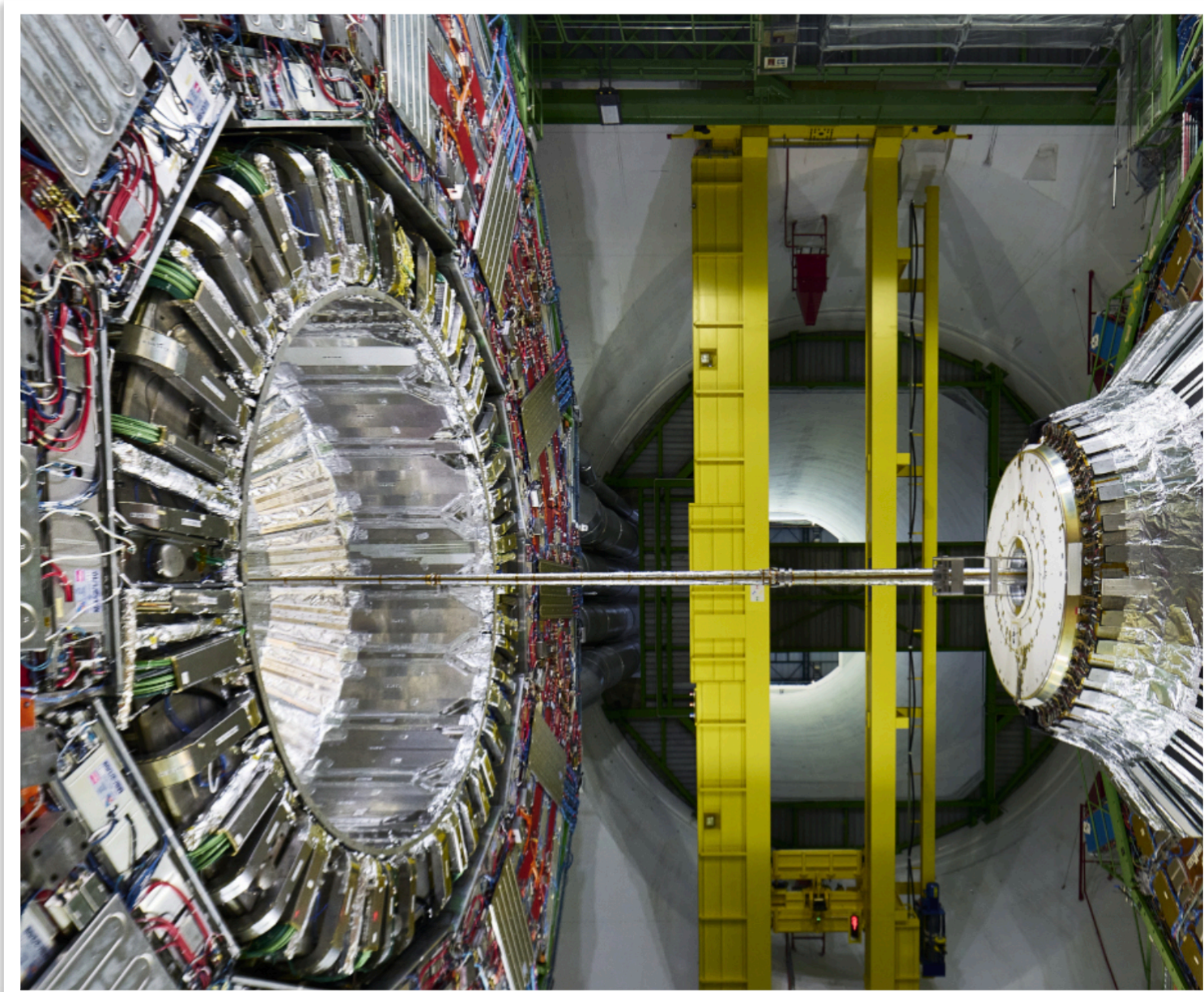
Fr 20.9. / 17h ↳ PODIUMSDISKUSSION
„Teilchenphysik im Fokus – Die Grundlagenforschung und ihre gesellschaftliche Relevanz“ **im InformatiKOM**

Sa 21.9. / 12-15h ↳ FAMILY & FRIENDS
Bei Experimenten die Welt der kleinsten Teilchen entdecken und beim Wohnzimmergespräch sowie an unseren Infoständen mit Forschenden diskutieren.

Sa 21.9. / 19h ↳ LATE NIGHT SHOW
Den wichtigsten Fragen der Wissenschaft bei der Late Night Show Stulle „Wissenschaftlich belegt“ auf den Zahn fühlen.

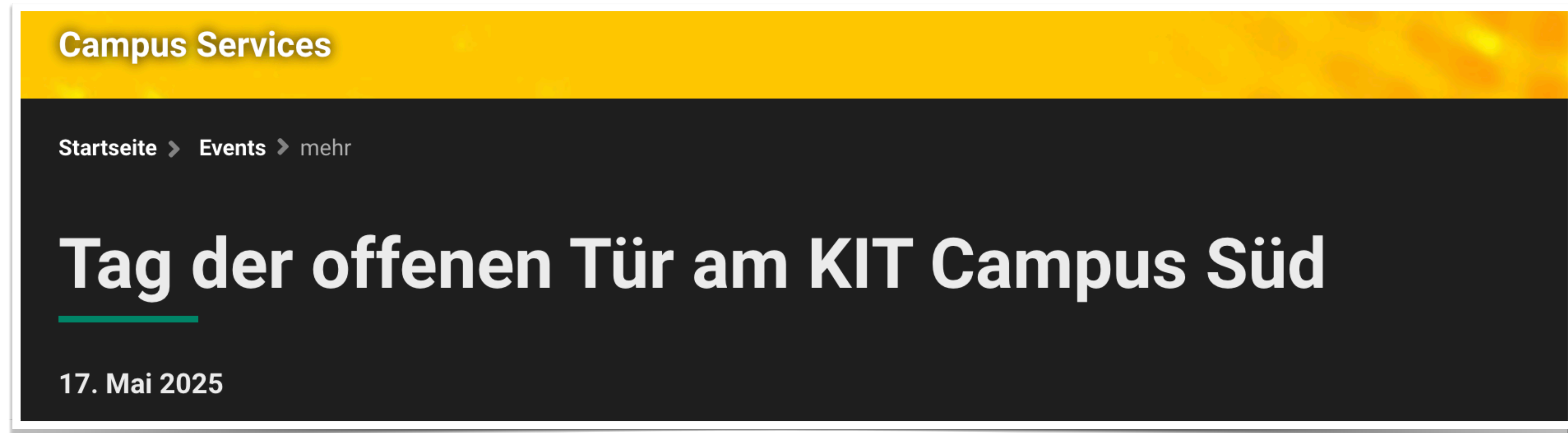
Project days at Thomas-Mann-Gymnasium

- July 15th, 17th & 18th, 9am-1pm
- Project 1: Particle Physics (14 students)
- Project 2: Thermal Camera (15 students)



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

KIT Meisterschaft

- KIT Meisterschaft - 13.07.24

Before

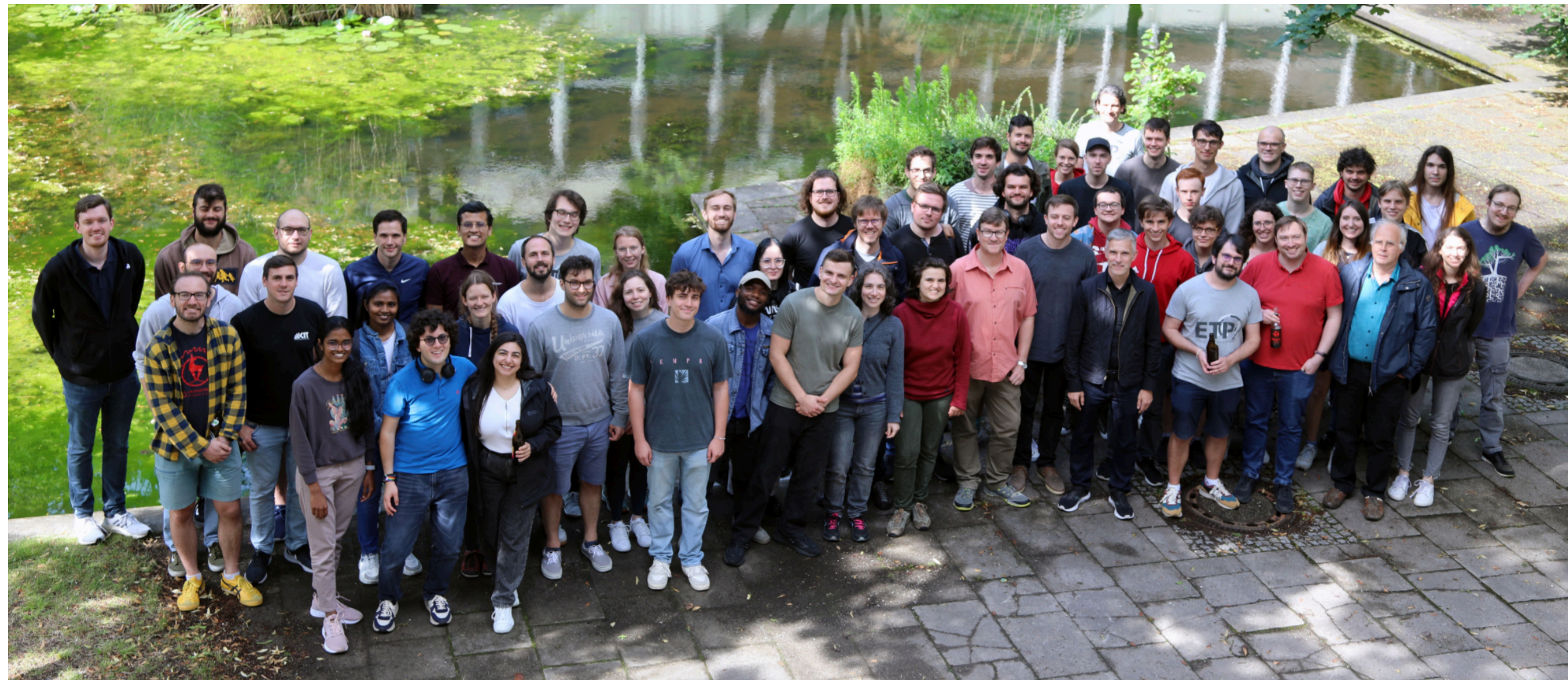


After



ETP Events in 2024

- Schloss Lichtspiele - Thursday 22.08.24 - 9pm
- Study Day - 20.11.24
- Christmas Party - 06.12.24



ETP Hike - 02.08.2024



Today's Meeting