

ETP Weekly Meeting

News



Institut für Experimentelle
Teilchenphysik (ETP)

Institut für Experimentelle Teilchenphysik

```
def main(config):
    logger.info("config")
    np.random.seed(int(config["seed"]))
    import ROOT
    ROOT.PyConfig.IgnoreCommandLineOptions = True
    import root_numpy
    import matplotlib.pyplot as plt
    import matplotlib.patches as mpatches
    import random as random
    import random as random
    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
    variables = config["variables"]
    classes = config["classes"]
    logger.debug("Use variables:")
    for v in variables:
        logger.debug("%s", v)

    # Load training dataset
    if args.conditional:
        args.balanced_batches = True
        eras = ['2016', '2017', '2018']
    else:
        eras = ['any']
```



Markus Klute

27.02.2023

New members or status changes

... since the last month

Events, seminars and colloquia

... next months

- DPG Frühjahrstagung: Mar 20-24
- KCETA Workshop: Mar 27-29

Teaching next semester

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- We centrally organised teaching assignments for the next semester, trying to consider load and other obligations
- Instructors will contact you with details
- In case you would rather contribute in a different way, please let me know!

Code of Conduct

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ETP Code of Conduct

Last update: Jan 11, 2023

Study and work at the ETP presents opportunities for interacting with colleagues from all over the world with many different cultural backgrounds. Our goal is to create an environment where everyone feels welcome, safe, and accepted. Everyone, including faculty, staff, students, and visitors, is responsible to behave such that this environment is constantly improved. We recognize and value the different experiences and expectations that everyone brings to the ETP. Collegial interactions, both academically and personally, are expected at all times, and people must be treated with respect regardless of seniority, sex, sexual orientation, gender identity, disability, physical appearance, body size, race, nationality, ethnicity, and religion. If problems or misunderstanding in communication arise and are identified, they should be addressed promptly.

We follow the Ethical Principles Guidelines of KIT (https://www.kit.edu/downloads/kit_ethical_principles.pdf).

All members and visitors of ETP are required to comply with the guidelines set down in the following Code of Conduct:

- Intimidating, harassing, abusive, discriminatory, derogatory and demeaning actions and behavior at the ETP will not be tolerated.
- We take the experience, opinions, and personal values of everyone seriously. We accept that different opinions and values exist.
- We work towards creating a safe environment for everyone identifying as LGBTQI+.
- We act against negative stereotypes relating to an individual's or a group's characteristics.
- Stalking, following, unwelcome physical contact or sexual attention without explicit consent will not be tolerated.

Anyone asked to stop inappropriate behavior is expected to comply immediately.

People who feel affected by inappropriate behaviour are encouraged to report this behavior to any ETP faculty member they trust. The faculty member will ensure that such reports will be treated confidentially. Doctoral researchers are also encouraged to approach their respective mentor, and the equal opportunities representatives (<https://www.chg.kit.edu/english/73.php>) of the KIT Department of Physics.

Mental Health Awareness

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- Mental health issues can affect anyone and is widespread
 - According to the CDC, > 50% will be diagnosed with a mental illness of disorder at some point in their lifetime
 - 1 in 5 Americans will experience mental illness in a given year
 - 1 in 25 Americans lives with a serious illness
- Warning signs
 - Unexplained mood swings
 - Antisocial behavior
 - Sudden changes in eating and sleeping patterns
 - An inexplicable feeling of sadness

Mental Health Awareness

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- KIT offers a number of services to students and employees, e.g.
 - <https://www.kmb.kit.edu/65.php>
 - <https://www.sw-ka.de/de/beratung/psychologisch/>
- Your faculty is happy to talk confidentially!