

ETP Weekly Meeting

News



Institut für Experimentelle
Teilchenphysik (ETP)

Institut für Experimentelle Teilchenphysik

```
def main(config):
    logger.info("config")
    logger.info("args")
    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_flow as rf
    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

28.02.2022

War in Ukraine

... very saddened by the news



New members or status changes

... last week?

Common room

... collecting ideas



- Coffee machine
- Fridge / freezer
- Microwave
- Dishwasher
- Seating
- Whiteboard
- Workspace
- Storage

Upcoming Events

... very selected

- [HASCO Summer school](#)

- Jul 24-Aug 1 in Göttingen
- Deadline April 1st
- Targets masters students
- <http://hasco.uni-goettingen.de>

- [Particles String and Cosmology](#)

- Jul 11- Aug 5 in Hamburg
- Targets masters students
- <https://www.uni-hamburg.de/en/internationales/aktivitaeten/summer-school/1-program/1-particles-strings-cosmology.html>

- [Herbstschule für Hochenergiephysik](#)

- Sep 06 -16 in Maria Laach
- Targets graduate students
- Nomination by institute
- <https://www.maria-laach.tp.nt.uni-siegen.de>

Upcoming Events

... special seminar

- Lindsey Grey: Analysis Facilities
- Tuesday March 1st, 4pm
- <https://indico.cern.ch/event/1105629/>

Featured Presentation

... by Lea Reuter

Title: [graFEI: Full Event Interpretation Using Graph Neural Networks at Belle II](#)