

ETP Weekly Meeting

News



Institut für Experimentelle
Teilchenphysik (ETP)

Institut für Experimentelle Teilchenphysik

```
def main(config):
    logger.info("Starting")
    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
    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
    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

28.03.2022

New members or status changes

... since the last meeting

- Miho Wakai (guest from UBC)
- Xunwu Zuo
- Minseok Oh
- Clement Helsens
- Micheal Hoch
- Olha Lavoryk

Upcoming Meetings

...

- 4/4: CMS Week, no ETP meeting
- 4/11: Lucas Weidemann
- 4/18: Jost von den Driesch

Hochhaus 9th floor

... Showcase

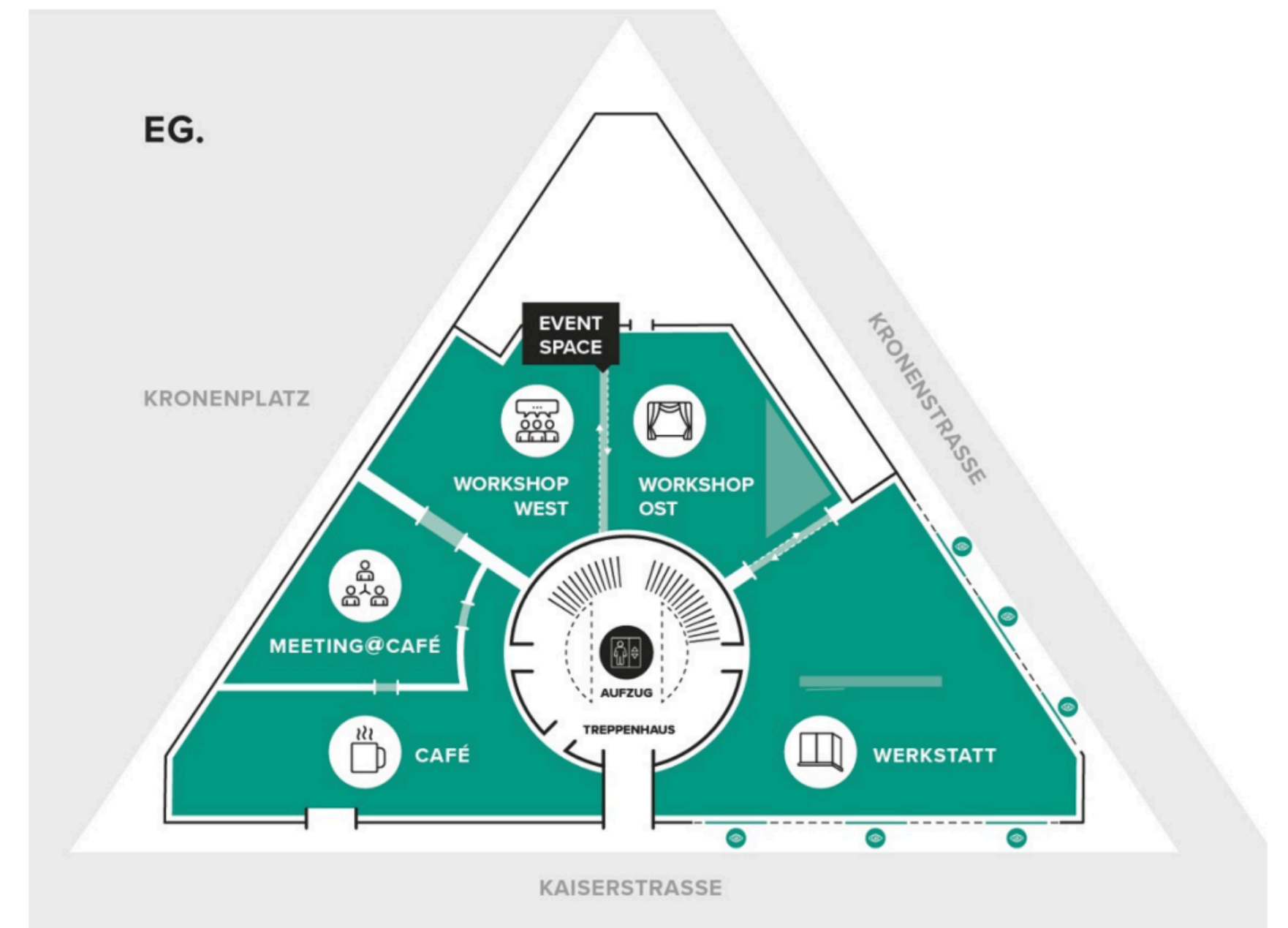
- Screen with raspberry pi to show live event display and computing performance will be returned.
- You are invited to make proposals on how to fill the showcase area



Outreach

... KCETA Aktionstage

- Exhibition “Code of the Universe” - Kronenplatz
Jul 14 to Aug 12
- Afternoon science (3-7pm), ETP takes responsibility for 2-3 afternoons
 - Günter / Achim
 - Ulrich / Markus - Jul 29
 - Torben / Uli / Felix
- Morning with elementary school kids
 - Markus - Jul 18



Outreach

... list

- **Girlsday - Apr 28**
 - Torben / Isabell
 - Belle Masterclass
 - Deadline Mar 15
- **Higgs Day - Jul 4th**
 - Markus
 - Evening event
- **Campusday - May 14**
 - Ulrich
 - Ideas:
 - Schnuppervorlesungen
 - Rocket science
 - Small groups
 - Virtual visit

COVID-19

... yes, it's still here and not to taken lightly