

# ETP Monday Meeting 29.04.2024

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# Institut für

# 

tfconfig.gpu\_options.allow\_growth - rue
set\_session(tf.Session(config=tfconfig))

# Extract list of variables

def main(args, config)

**import** numpy as np



## **New Team Members**

Monday Meeting 2





# **This Meeting**

- Testing Owl for SR9-1
- From Weekly to Bi-Weekly
  - 2nd & 4th Monday of the month
  - 1h max
  - Next Meeting May 13
- Program
  - News
    - Master's and occasional Bachelor thesis reports
    - **Special Topics**
  - ArXiv Review
- Monday Meeting 3











# **Particle Physics Master Program**

- Bachelor curriculum in (particle) physics was restructured
  - Python Course (Torben)
  - Modern Physics II 5th semester 1/2 course on particle physics (Markus)
  - Modern Physics III 6th semester elective on particle physics (Torben)
- Consequence: Master curriculum needs to be adjusted
  - TP1 (PP1): WS24/25 Introduction to PP (TBD)
  - TP2 (PP2): WS24/25 Flavor (Pablo); Detector (Frank)
  - TP2 (PP2): SS25 BSM Physics (TBD) and QCD, Jets, Top (TBD); SS26 W,Z, Higgs (TBD)



# Colloquia

## Physics Colloquium

- Lehmann Hörsaal
- Friday 15:45 Uhr
- **Program**

#### Particle Physics Colloquium

- Kleiner Hörsaal B
- Thursday 15:45 Uhr
- Program



#### Valerie Lang (U. Frieburg): Know your footprint

■ Thursday 2 May 2024, 15:45 → 17:15 Europe/Zurich

**15:45** → 16:30 Know your footprint. Evaluation of the professional carbon footprint for individual researchers in HEP and related fields. Speaker: Valerie Lang (Albert Ludwigs Universitaet Freiburg (DE))



## **Art-Science DIALOGUE**





#### Kick-off event

Friday, April 26th, 10am, Kunstakademie Karlsruhe, Vortragssaal, Reinhold-Frank-Str. 81 (Vordergebäude)

#### CERN Trip

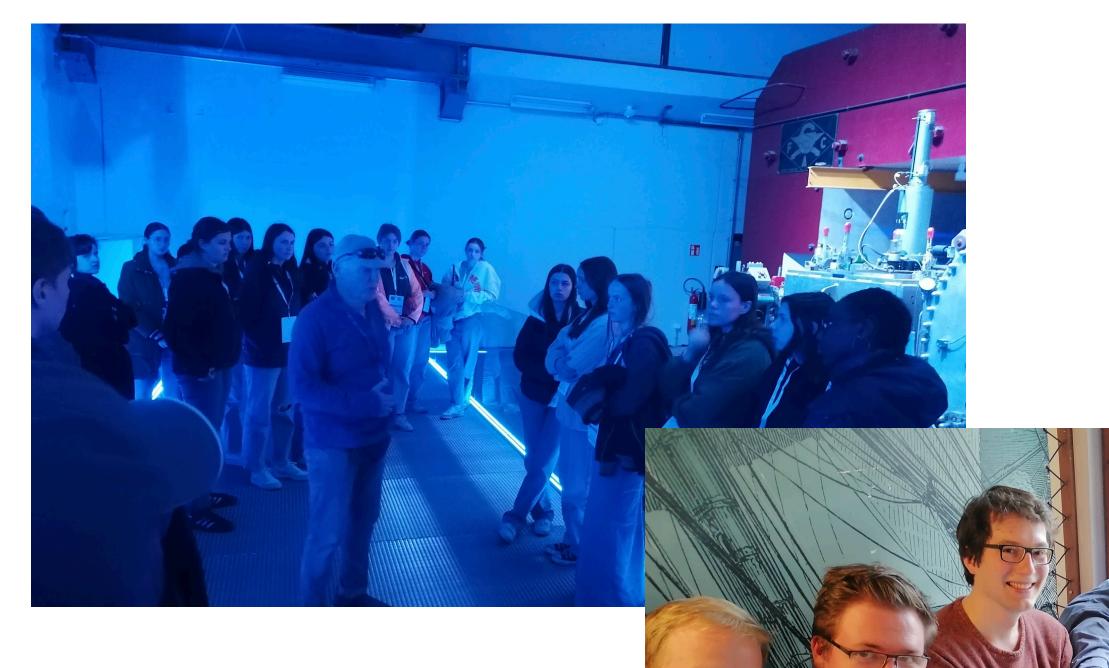
- May 2nd to 4th
- https://indico.cern.ch/event/1380525/
- Informal dialog
  - Throughout the semester and summer
- Midterm reports
  - End of June
- Vernissage
  - End of October / November





# **Highschool Trip to CERN**

- PH Karlsruhe visited CERN April 18-20th.
- Many thanks to all guides





# Students from Thomas Mann & St. Dominikus Gymnasium as well as







# **Girlsday April 26th**

## Many thanks to Pablo et al





# ETP Events in 2024

### Here are (updated) proposals for 2024

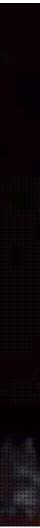
- Summer Party 04.07.24 (Higgs turns 12!)
- Summer Hike - week of July 29, 2024
- Schloss Lichtspiele 09.08.24
- Christmas Party 06.12.24 (Lily turns 12!)

#### Need orga-teams for the summer party and hike!











# **Other events**

## FCC community event May 22-24 in Bonn

#### Future Collider @ CERN University of Bonn, 22-24 May 2024

With preparatory lectures for young researchers on the first day

Physics case for a new e<sup>+</sup> e<sup>-</sup> collider
Opportunities, challenges and options
Midterm review of the FCC design study
Potential German contributions to FCC-ee
The path to the next EPPS-Update





Local organizing committee Philip Bechtle Florian Bernlochner Ian Brock Klaus Desch Manuel Drees Herbi Dreiner Claude Duhr Jochen Dingfelder Christian Grefe Ingrid-Maria Gregor Tatjana Lenz Matthias Schott



# **ArXiv - Recent**

#### Moritz Molch

Monday Meeting 11



