

# ETP Weekly Meeting

## News



Markus Klute

05.06.2023

# New members or status changes

... since the June 5th

# Seminars and Colloquia

...

- Tuesday 3:45pm: DarkQuest - Probing the dark sector with a proton fixed-target experiment, Yongin Feng (Fermilab)
- Thursday 3:45pm: Search for new physics with gravitational waves, Pedro Schwaller (Mainz)
- Friday 3:45pm: Kernfusionsforschung - das Sternenmeer auf die Erde holen, Hartmut Zahm (MPI, Garching)

# BUSY JUNE / JULY

## ... Many Thanks!

### DISCOVERIES AT HADRON COLLIDERS

Symposium in honor of Thomas Müller's 70th birthday

June 9th 2023  
Gerthsen Lecture Hall

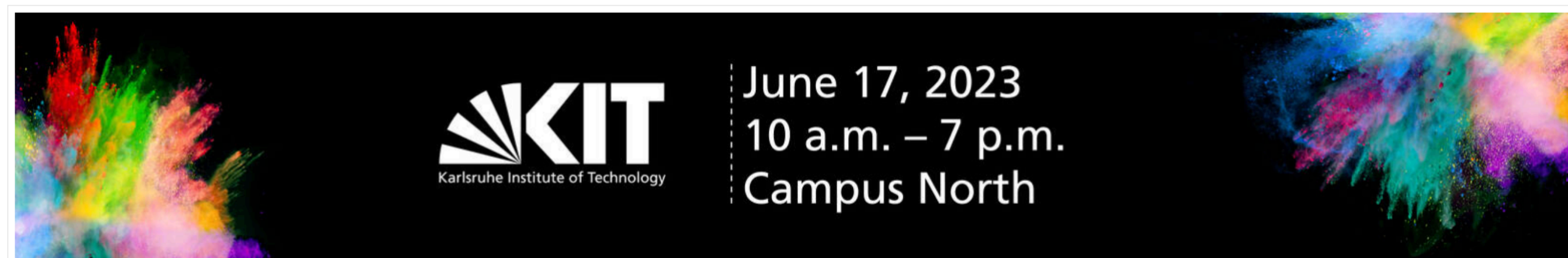
#### Program

- 14:00 Welcome  
*Marc Weber, Jörg Schmalian, Markus Klute, KIT*
- 14:10 The discovery of W and Z Bosons at the CERN SPS Collider  
*Felicitas Pauss, ETH Zürich*
- 14:45 Finding the Top Quark at the Tevatron Collider  
*Claudio Campagnari, UC San Diego*
- 15:20 Coffee Break
- 15:45 The discovery of the Higgs Boson at the LHC  
*Beate Heinemann, DESY, Hamburg*
- 16:20 The Quark Gluon Plasma  
*Johanna Stachel, Universität Heidelberg*
- 16:55 Novel Detectors  
*Frank Hartmann, KIT*
- 17:30 The Future of Particle Physics  
*Michael Spannowski, University of Durham*
- 18:05 Closing remarks  
*Markus Klute, KIT*
- 18:20 Reception



## 2023 Open Day at KIT

Eager for knowledge? On Saturday, June 17, 2023, KIT invites you to the Open Day on Campus North.



After a four-year break due to the pandemic, we are back on site: On **June 17, from 10 a.m. to 7 p.m.**, visitors of **Campus North in Eggenstein-Leopoldshafen** will be given exciting insights into research. During guided tours, lectures, and hands-on activities, visitors can ask questions, marvel, and try things out. A wide range of activities, including handicrafts,

puzzles, and experiments, is planned for children and young people. Last but not least, a varied stage program with music and comedy promises fun and entertainment.

**Be curious and visit us on Campus North on June 17!**



Wissenschaftsfestival EFFEKTE 2023

## Das KIT-Zentrum Elementarteilchen- und Astroteilchenphysik stellt sich vor



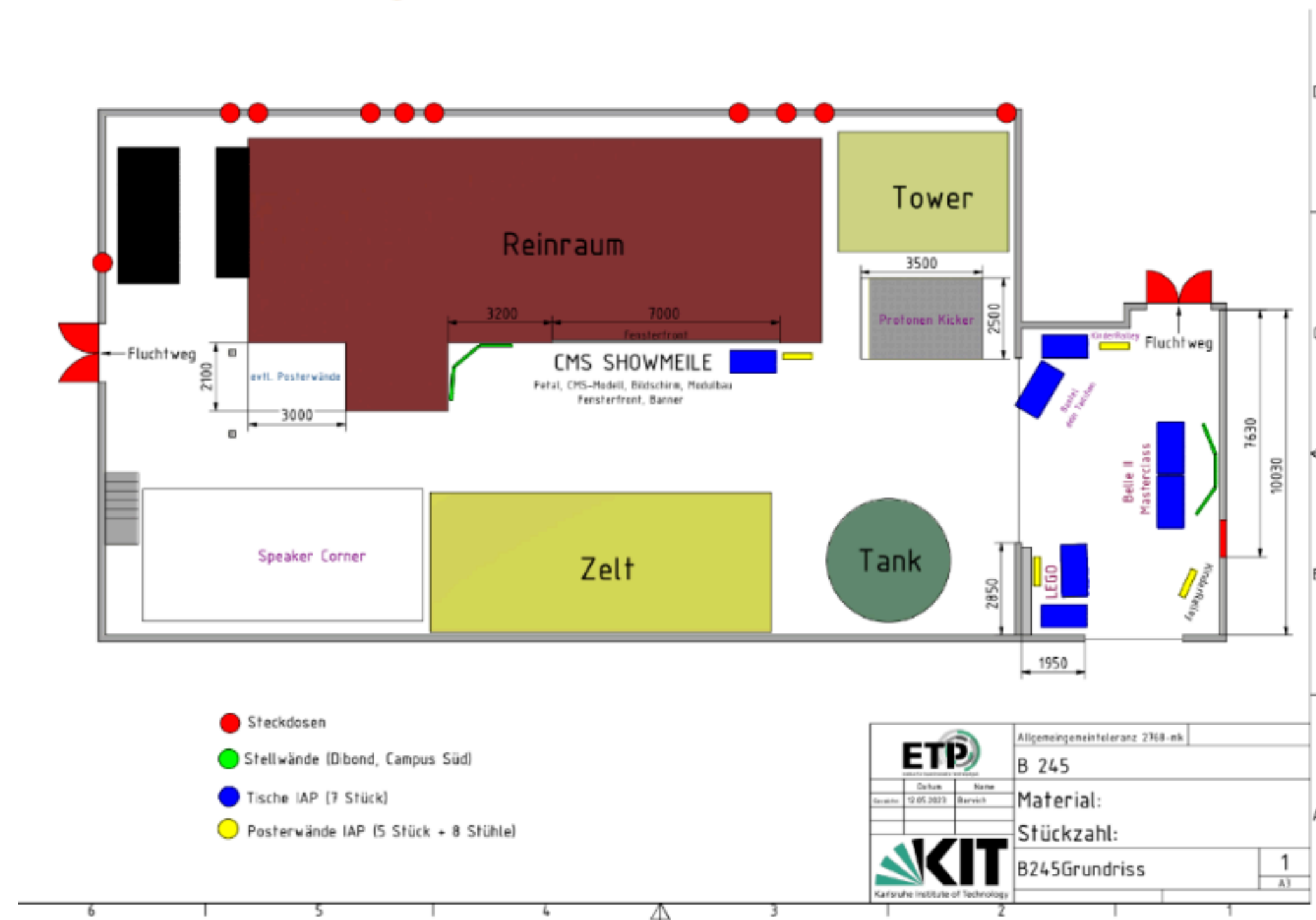
# Future Open Days

## ... Feedback and lessons for next time:

1. TF: Bring water for all helpers (multiple crates)
2. TF: Get food vouchers from Kit
3. TF: Better signs for 245
  - a. poster stands on the street next to 401
  - b. chalk on the street
  - c. ...? (more ideas)

UH: these ideas are very good, and true: that was a detail that Roland and I discovered two days before the event. We tried to delegate it, but the people who promised to do it needed to be reminded on the day of the event and then it was a bit improvised -> attention to detail matters, see below..
4. TF: Bring more replacement batteries for the VR headsets (the very high temperatures and many hours operations are pretty brutal) and have it not in a tent but a building that gets less hot
5. TF: Place B2 Masterclass next to B2 VR headsets
  - a. Need printed/laminated handouts also for the masterclass
  - b. Wired controllers for the VR headset?
  - c. Need VR + masterclasses in a darker and cooler room
6. TF: Run talks without breaks in 401 (or have an exhibition, videos, some people there in the breaks), otherwise people leave and don't come back (because they wait an hour for food...)|
7. MK: We should have a printed leaflet for our events
8. Feedback for KIT:
  - a. shuttle buses very badly organized; → fact check: apparently they were suffering from a traffic accident
    - i. TF: That was only a part of the problem. The parking slots had not clear coordinates on google maps, not all were connected to shuttle buses etc. In hindsight this was maybe obvious, but for visitors it was not. I personally got quite some feedback in that direction (not that i or ETP could change anything).
  - b. tents were removed before the scheduled time and our equipment was not handled with care;
  - c. app not done well (there is a survey within the app for feedback on the app and the event in general)
9. Have some paper towels for the particle handcraft corner
10. Inform institute members earlier of upcoming events → UH: please check the facts – this event was announce very often on very many occasions, at least from January 2023, in Markus's words "all hands on deck"!
  - a. TF: I agree on this one, there was a lot of information and communication in every ETP meeting.
11. Speakers corner talks were almost not attended
  - a. More advertisement

- b. TF: "Highlights" like the southpole connection not at the very beginning → UH: fact check: this depends on when you get a satellite link to the pole, not in our hands./
    - i. TF: Understood. I probably could have known about the Southpole talk, but i learned that only during the event. Maybe just another point for using such highlights more actively to attract people to our activities.
  - c. IAP talks were >20min with many slides, this felt not well coordinated → UH: fact check: everybody got the same instructions, some chose to ignore them
    - i. TF: Maybe not a coordination problem. We should make sure to brief speakers clearer next time, after all, the whole concept lives from short and sharp talks.
  - d. Speakers were assigned too late → UH: I don't understand this comment. Do you mean the schedule? I asked for volunteer for > a month with little to no reactions. Once we had everything together the schedule was there right way, but this happened only two days before the event.
12. Attention to detail matters (cables, signs, ...). Everybody should be more proactive and make sure they have everything together for the item they are responsible for.
- a. TF: I still dont know how we missed to bring two cables after we checked this like 10 times.... 😞



# BUSY JUNE / JULY ...

... Many Thanks!

- **BMBF Applications submitted:**
  - **CMS, CMS Upgrade, Belle II, ECN3, Si-D, Computing, HI-D-ECAL, Quantum Sensors**
- **RTG 2880 review**
- **ETP (CMS, Belle II, KATRIN, Auger) member of German network on outreach**

# ETP BBQ

... July 24th, 5pm at FERMI LAKE



<https://docs.google.com/spreadsheets/d/1PO1N1BoYMO1ITiCRqSrCet8wMOCfE305wsCupra2Kjc/edit?usp=sharing>

# Summer Time

...

- File vacation request
- Discuss vacation schedule with your working group / advisor



# ETP Coffee

... keep it clean!



# Today's Presentation

... by Christian Winter

## Tau Embedding

