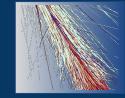




# Welcome

Ralf Ulrich

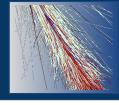




CORSIKA Cosmic Ray Simulation Workshop Karlsruhe



## Purpose of workshop



#### 30 years of CORSIKA celebration

Looking into the past and history of air shower simulations

#### Requirements and further input

Applications and "feature requests"

#### Status and progress of air shower simulations

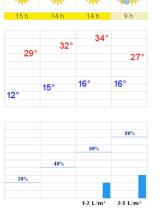
CORSIKA 8: recent work, status, first demonstrations,



plans and next steps

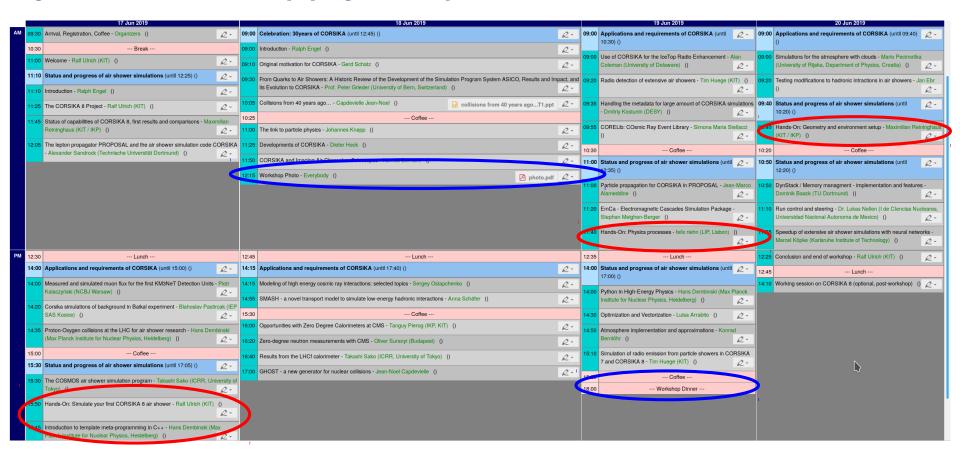
### General organization

- Upload slides directly in indico → you need an indico account
- Or provide slide on USB stick to Maximilian or me
- We collect all slides on indico page
- Two coffee breaks, one morning one afternoon
- Lunch breaks: 12:30 14:00
- Workshop photo: Tuesday before lunch
- Wednesday workshop dinner (and small excursion)
- WLAN





#### Agenda and Workshop page: https://indico.scc.kit.edu/event/529



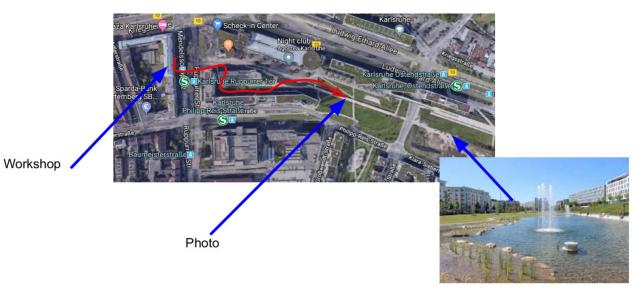
In general: please respect discussion time

### Workshop photo on Tuesday



 Need signed agreement about photo → Sabine

 Tuesday before lunch Path to best workshop photo location, ~200m





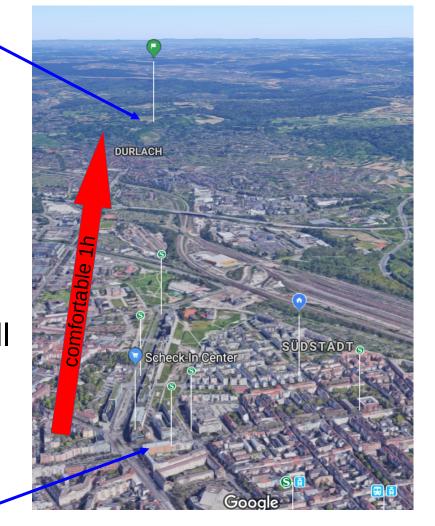
# Wednesday

- Contributions until 15:25, coffee break until 16:00
- Dinner at Schützenhaus (Turmberg) 19:00
- Different options in time between 17:00 19:00
- <u>Careful</u>: consider ~1h (without any stress) going to Schützenhaus by public transportation
- can be very easily combined with visiting Turmberg Castle (+30min), Turmberg-Bahn, walking around in Durlach (historic town), and/or on Turmberg



Our workshop dinner is in the restaurant "Schützenhaus" on a hill ("Turmberg" - most north-west mountain of Black Forest) next to Durlach.

This can be combined with a small excursion around Durlach and on Turmberg, see some options below.





# 15 times "yes" or "maybe" in questionnaire



Turmbergbahn (link in german)

- 15min ride with Tram 1 to Durlach (2.60EUR)
- Durlach is a very nice and old town: <a href="https://en.wikipedia.org/wiki/Durlach">https://en.wikipedia.org/wiki/Durlach</a>
- From Durlach center there are two preferred options:
  - Walk up the Turmberg hill (~200m up, steep, ~600 stair steps) to Schützenhaus, ~25min
  - Take the oldest german cable car to the top of Turmberg (2EUR) and then walk the remaining 600m (~flat) to Schützenhaus, ~25min
  - **Note:** on demand we organize <u>transport by car (workshop <--> Schützenhaus)</u>, 20min

4 "maybe"



#### Schützenhaus

https://www.schuetzenhaus-turmberg.de/





Note on going back:

Turmberg-Bahn only runs until 8pm,

Walking down from Turmberg on foot is no problem (~10mins),

if needed we organize transport by car

7 "maybe"



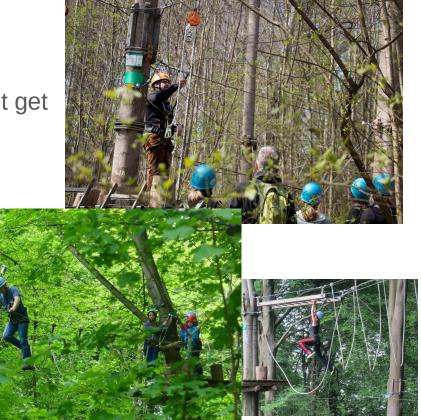
### Climbing park next to Schützenhaus

http://waldseilpark-karlsruhe.de/

22EUR entrance fee for maximum 3h, we might get a group tariff

Very safe climbing with rented equipment in between the trees, major and exciting fun.

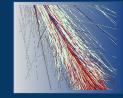
All difficult levels, from absolute beginners to top experts.







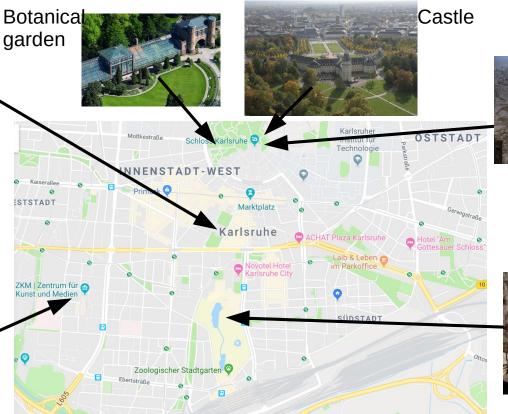
# Other things to see





https://zkm.de/de







mykene.landesmuseum.de/

