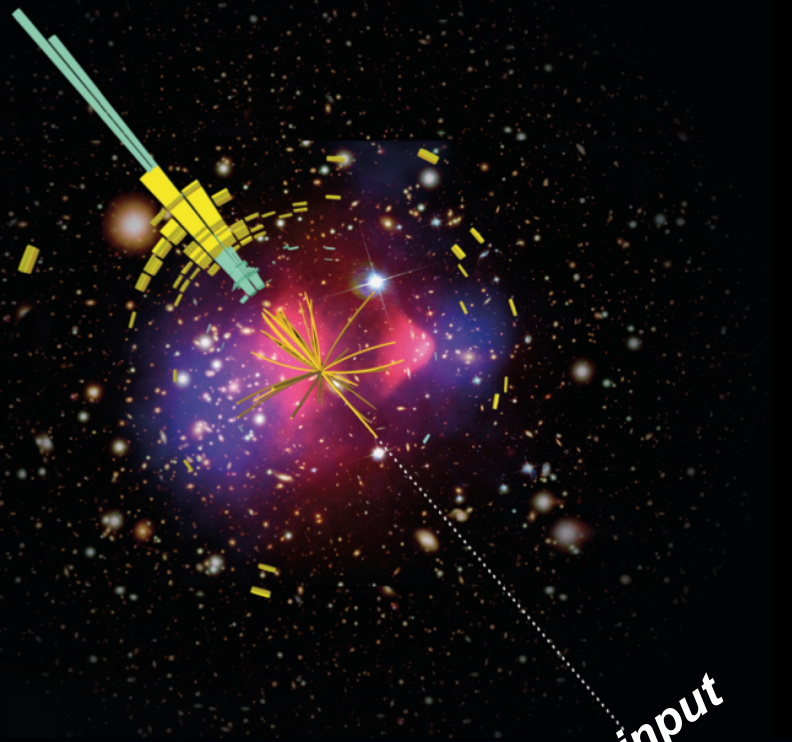# DARK MATTER @ LHC

## 2018
## 3-6 APRIL

**UNIVERSITÄT HEIDELBERG**

ZUKUNFT
SEIT 1386

**Local organising committee:**
Martin Bauer · Oleg Brandt (chair)
Monica Dunford · Petra Pfeifer
Tilman Plehn · Hans-Christian
Schultz-Coulon · Susanne Westhoff

**International organising committee:**
David Berge · Roni Harnik · JoAnne Hewett
Valentin Khoze · Rocky Kolb · Tongyan Lin
Juan Alcaraz Maestre · Geraldine Servant
Tim Tait · Dan Tovey · Steve Worm

*Many thanks to IOC for valuable input and for allowing us great freedom in shaping the scientific programme!*

- **That's what we promised**



*Heidelberg in early April*

- **That's what we promised**
  - Looking good so far:

- **Main workshop website (weblink)**

- **Support**:
  - Petra Pfeifer

**If you have a question: ask a local!**
(those with a red emblem on their name tags)

*Heidelberg University*

- **Registration**:
  - Tuesday:
    - before the first session
    - during coffee break
  - Wednesday:
    - during **morning** coffee break

*Merve Sahinsoy*

- **Internet:**
  - Eduroam available throughout campus (preferred)
  - Alternative:
    - join SSID UNI-WEBACCESS
      - user ID:    kip01
      - password: DarkMatter2018

*Detailed instructions
at the end of the slides*

- **Storage room:**
  - Second floor, 2.404 (sign-posted)
    - Elevator to the right in foyer
  - Please use it to store your luggage
  - Today:
    - Staffed until 14h30
      - locked afterwards
    - Close-out after reception finished
      - (talk to Petra/Oleg if you need access meanwhile)
  - Friday:
    - Staffed 8h30-9h30 + 11h00-13h00
      - locked in-between

- **Discussion/Meeting room:**
  - Glass box 3.105
    - reserved for DM@LHC
    - Ask Petra/Monica/Oleg to open



- **Video conference room(s):**
  - Seminar rooms on 2nd floor: 2.401, 2.402, 2403 (next to cloackroom)
    - not reserved, but should be available
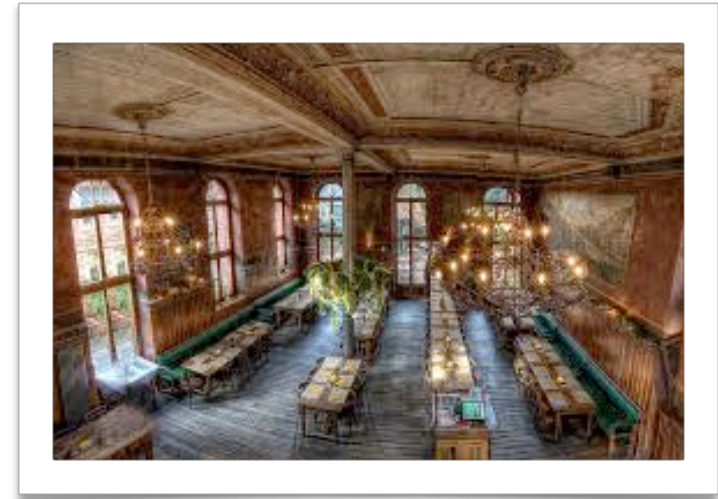    - not locked

- **Two contests on science communication:**

  - **Best contribution contest:**
    - For the best scientific contribution to DM@LHC
      - including the Open Session
    - prize in the close-out session on Friday!

  - **Twitter contest:**
    - For the best (informative/funny/exciting etc) tweet
      - featuring DM@LHC at #DMLHC2018
    - prize in the close-out session on Friday!

- **Follow us: #DMLHC2018!**
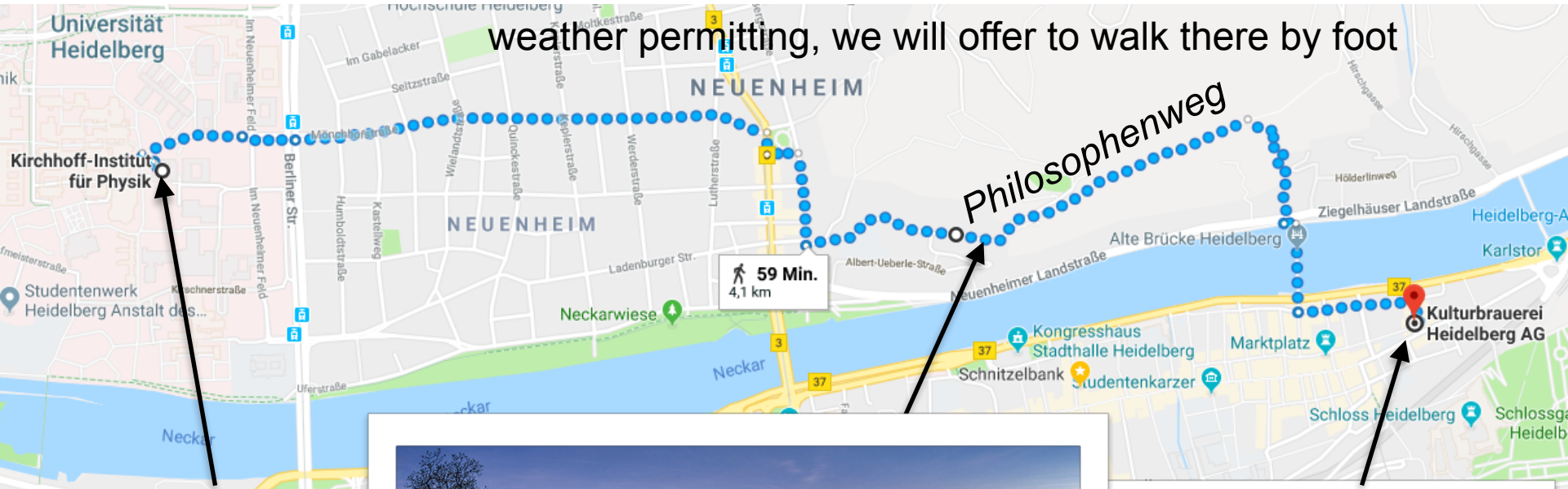
- **Social activities, meals, etc:**
  - https://www.kip.uni-heidelberg.de/dmlhc/meals

  - **Welcome reception:**
    - today 18h45-20h45
    - in the foyer just in front of the lecture hall
    - Drinks served here
    - Food around the corner

  - **Workshop dinner:**
    - Thursday 19h30+
    - in Kulturbrauerei
      - Microbrewery, nice food + drinks
    - Water on the tables + 1 drink included

- Kulturbrauerei:
  - Map weblink https://goo.gl/maps/zVMnZNGNebu
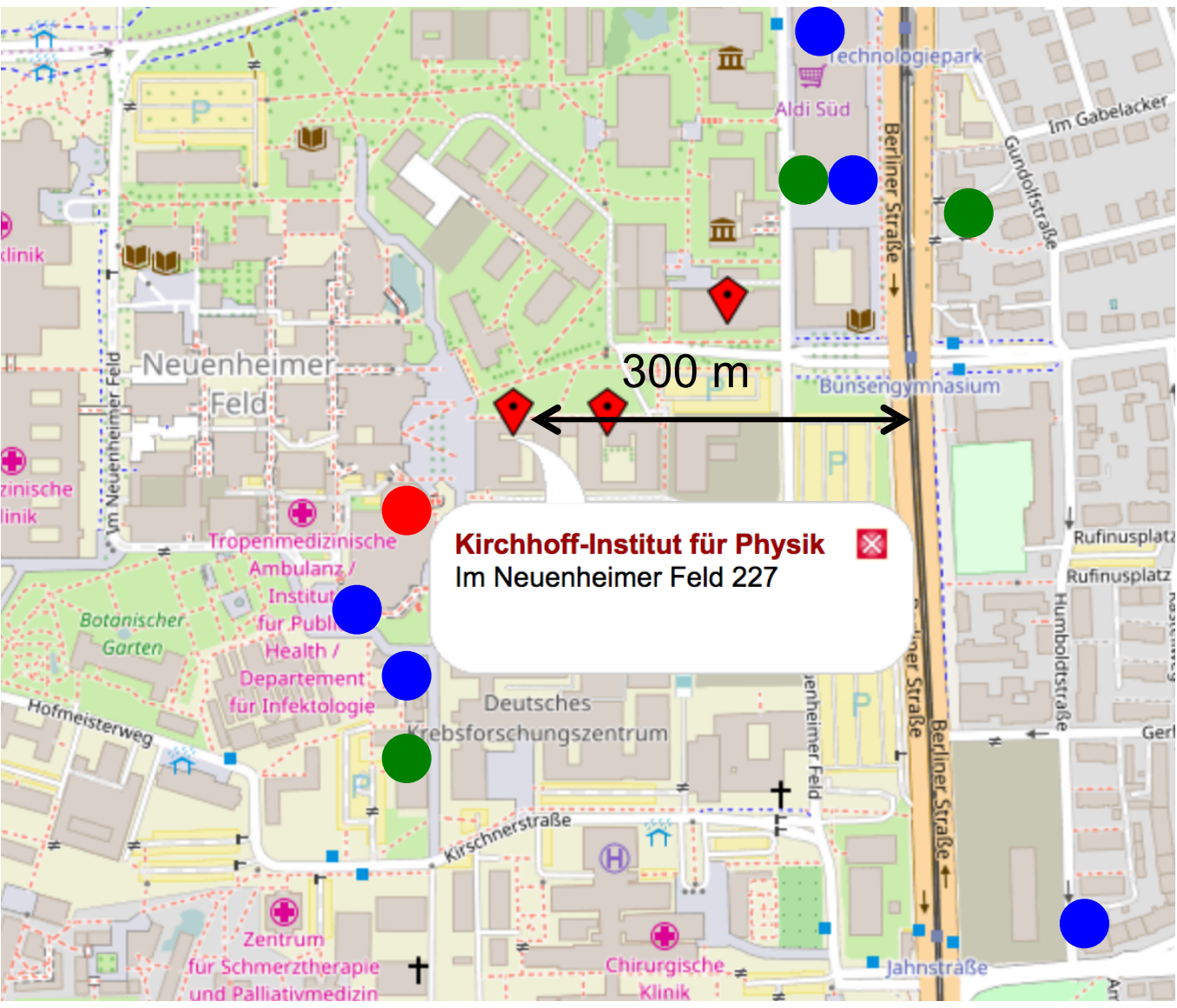


weather permitting, we will offer to walk there by foot

- **Public transport:** take bus 31 + short walk (30')

- **Several options from sandwich lunch to restaurant:**



300 m

Kirchhoff-Institut für Physik
Im Neuenheimer Feld 227

● University cafeteria

● Bakery / café

● Restaurant

| 14:00 | **Welcome** | *Oleg Brandt et al.* |
| | *Main lecture room (HS I), U. of Heidelberg / KIP* | 14:00 - 14:15 |
| | **Keynote: Is the WIMP paradigm going strong? [35'+10']** | *Manfred Lindner* |
| | *Main lecture room (HS I), U. of Heidelberg / KIP* | 14:15 - 15:00 |
| 15:00 | **New directions in dark matter searches from initial state radiation [20'+10']** | *Zeynep Demiragli* |
| | *Main lecture room (HS I), U. of Heidelberg / KIP* | 15:00 - 15:30 |
| | **SM Background predictions at the precision frontier [20'+10']** | *Jonas Lindert et al.* |
| | *Main lecture room (HS I), U. of Heidelberg / KIP* | 15:30 - 16:00 |
| 16:00 | **Coffee break** | |
| | *Foyer in front of main lecture room (HS 1), U. Heidelberg / KIP* | 16:00 - 16:30 |

# Looking forward to a fruitful and stimulating workshop!

KIRCHHOFF-
INSTITUT
FÜR PHYSIK

UNIVERSITÄTS-
RECHENZENTRUM  URZ

# Wireless Web Access

## How to connect:

- Choose the SSID '**UNI-WEBACCESS**'.

- Leave all other parameters as default including the security mechanism as open/no-encryption.

- You will be assigned a TCP/IP address from our DHCP server, provided your network settings are set to 'Obtain an IP address automatically' (which is the default).

- Finally connect to the internet through a Web Browser (e.g. InternetExplorer, Firefox, Opera, Safari or other) and just call one site as you like.

- You will be redirected to our login site (pop-up and javascript has to be enabled for this site).

- If you receive an SSL Certificate error message, you should update your browser or install the root certificate "**Deutsche Telekom Root CA 2**" (you will find the download link on our login site).

- After logging in with the user-id and password provided below, you can use all those ports and protocols which we usually offer for a "conference network"
( see http://www.urz.uni-heidelberg.de/netz/laptop/tagungen_anl.html )

| Web-Authentisierung / web-authentication ||
|---|---|
| Uni-ID/URZ-Nutzerkennung / user-id: | **kip01** |
| Kennwort / password: | **DarkMatter2018** |

## Important Note:

**No security measures (i.e. encryption, firewalling, etc.) have been enabled. We highly recommend that you take all appropriate steps: e.g. do not share personal or system files and use a personal firewall.**

**Please keep in mind that there is a possibility of unencrypted communication being intercepted by others on the Hot Spot unless protocols such as SSL (HTTPS) or a VPN are used to protect information and passwords.**