

DARK MATTER @ LHC

2018
3-6 APRIL

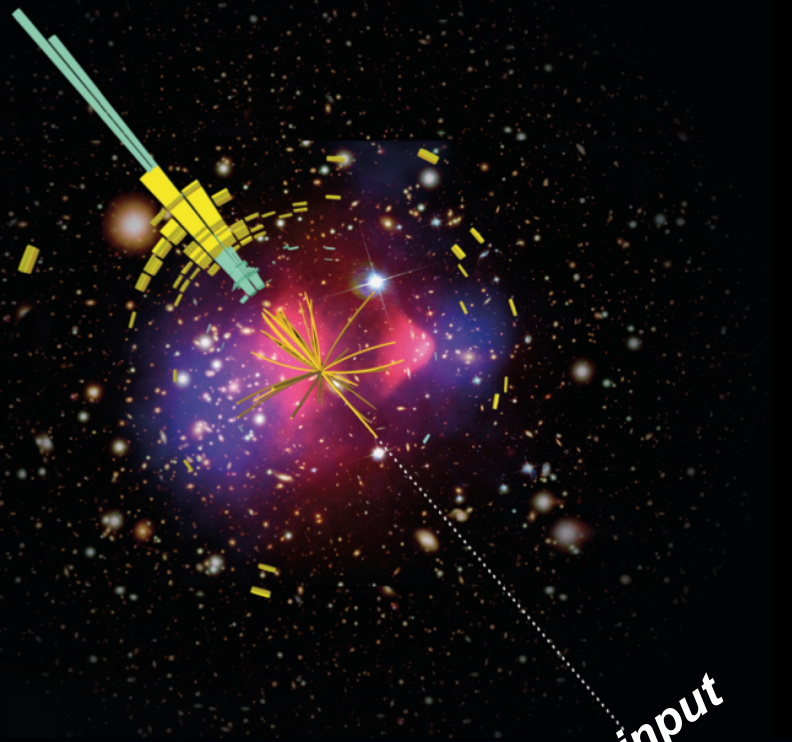


UNIVERSITÄT
HEIDELBERG
ZUKUNFT
SEIT 1386

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)**



KIP > dmlhc > Dark Matter @ LHC 2018

Dark Matter @ LHC 2018



Dark Matter @ LHC 2018

[Scientific programme](#)
[Timetable \(Indico\)](#)
[Invited speakers & chairs](#)
[Call for abstracts](#)
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[Participant list \(Indico\)](#)
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SEARCH

The Dark Matter @ LHC 2018 workshop [#DMLHC2018](#) takes place from April 3rd afternoon to 6th, 2018, and covers experimental and theoretical aspects of collider-based searches for Dark Matter.

This year we offer again researchers the possibility to showcase their research in detail through a talk in one of the Open Sessions on Thursday -- please refer to the [call for abstracts](#).

The registration is handled through the [Indico Dark Matter @ LHC 2018 agenda](#).

Follow us...

... [#DMLHC2018!](#)

Satellite Workshop

Please note the satellite workshop "[Dark Matter at the Dawn of Discovery ?](#)" which will take place in Heidelberg on 9-11 April 2018.

DM@LHC 2018 Local Organising Committee

Martin Bauer

[Oleg Brandt](#) (coordinator)

Monica Dunford

[Tilman Plehn](#)

[Hans-Christian Schultz-Coulon](#)

Susanne Westhoff

Petra Pfeifer

- **Support:**

- Petra Pfeifer



**If you have a question:
ask a local!**

(those with a red emblem
on their name tags)



- **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 cloakroom)
 - not reserved, but should be available
 - not locked

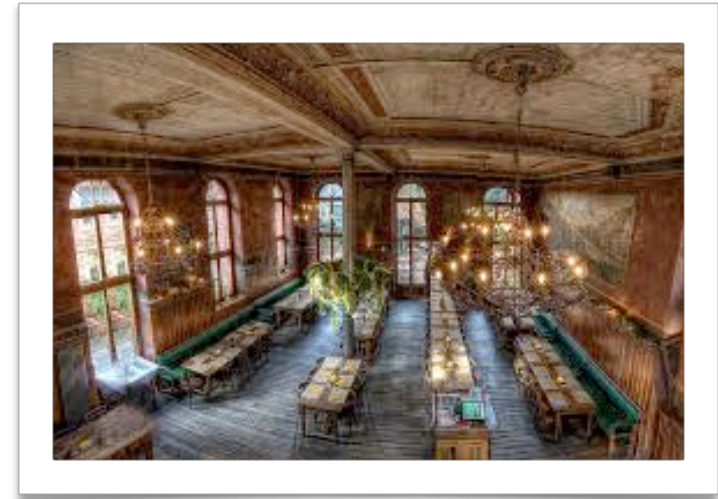
- **Two contests on science communication:**
 - **Best contribution contest:**
 - For the best scientific contribution to DM@LHC
 - including the Open Session
 - prize in the close-out session on Friday!
 - **Twitter contest:**
 - For the best (informative/funny/exciting etc) tweet
 - featuring DM@LHC at **#DMLHC2018**
 - prize in the close-out session on Friday!

- Follow us: **#DMLHC2018!**



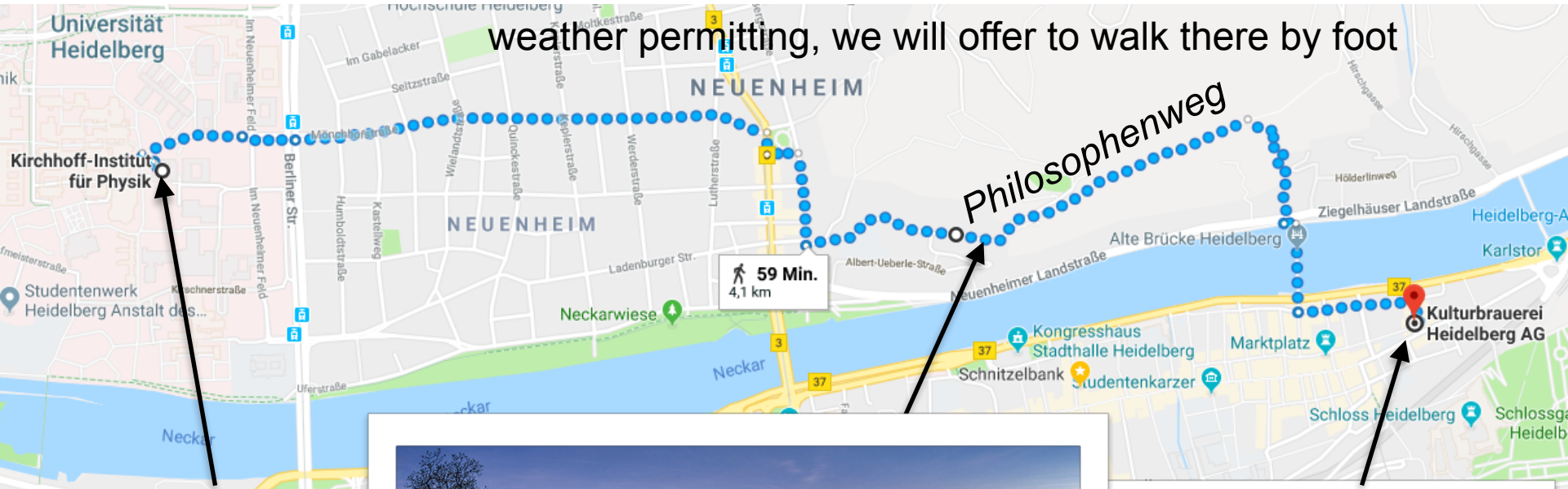
The screenshot shows a Twitter search results page for the hashtag #dmlhc2018. At the top, navigation icons for 'Startseite', 'Mitteilungen', 'Nachrichten', and a Twitter icon are visible. A search bar contains 'dmlhc2018' and a 'Twittern' button. Below the search bar, a red header displays 'dmlhc2018'. A horizontal menu offers filters: 'Top', 'Neueste', 'Personen', 'Fotos', 'Videos', 'Nachrichten', and 'Live-Videos'. On the left, a 'Suchfilter' section lists users to follow: Matt Strassler, John Preskill, and IPPP Durham. Below this is a 'Trends für dich' section featuring the hashtag #tatort. The main content area shows a tweet from Oleg Brandt (@Brandt_OE) posted 1 minute ago, with the text 'Follow the white rabbit to #dmlhc2018!'. The tweet includes a photo of a modern building with a white rabbit in a red circle and red arrows pointing to an entrance and a tram stop. A second tweet from Bradley Kavanagh (@BradleyKavanagh) is partially visible at the bottom.

- **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



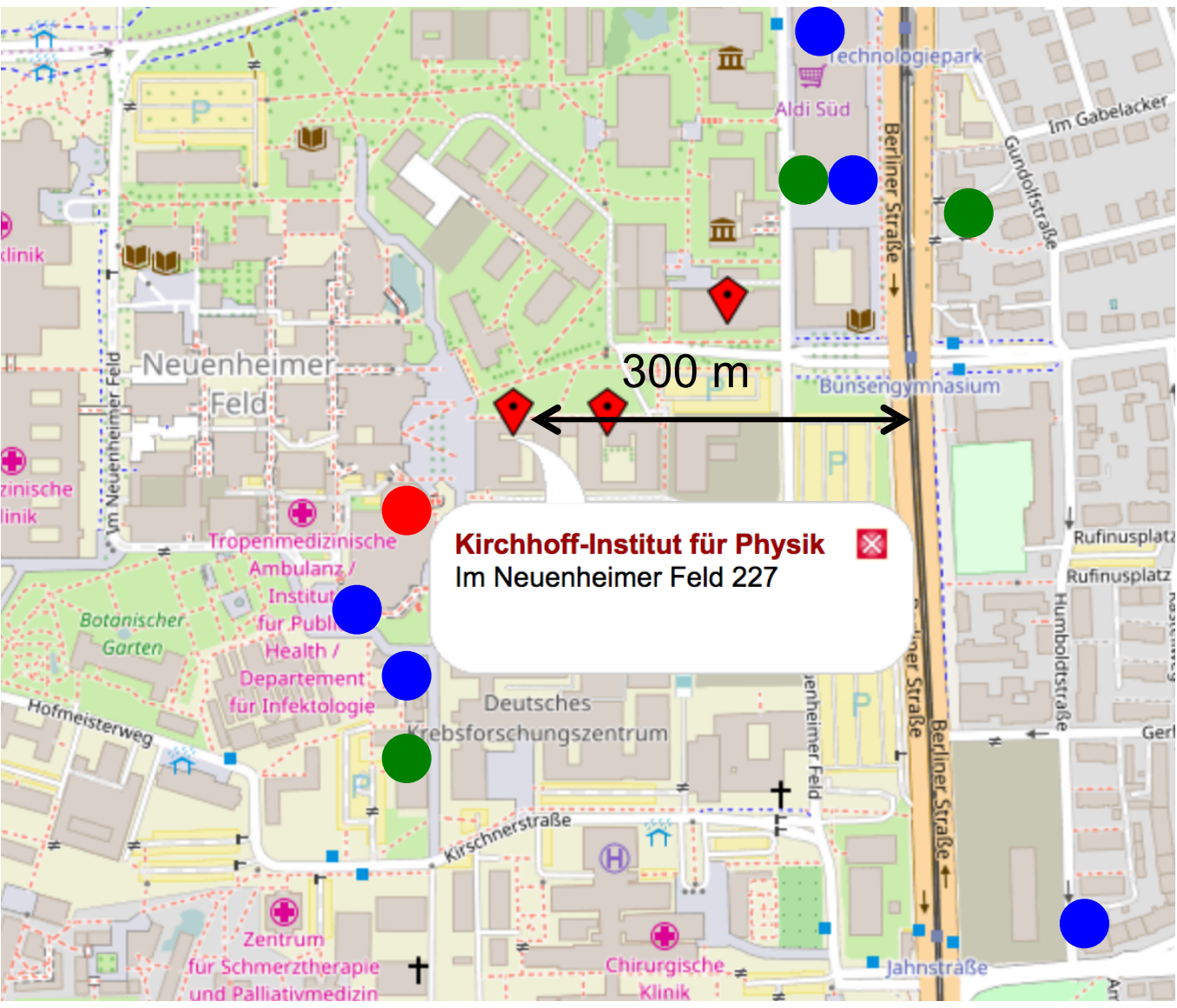
- Kulturbrauerei:
 - Map weblink <https://goo.gl/maps/zVMnZNGNebu>

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:



- University cafeteria
- Bakery / café
- Restaurant

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



Looking forward to a fruitful and stimulating workshop!



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.