

Session Program

19-20 Mar 2019



Quantum Universe Kickoff Meeting

Parallel Sessions Dark Matter

Campus Bahrenfeld, DESY Main Auditorium
Notkestraße 85, 22607 Hamburg

Wednesday 20 March

09:30

Parallel Sessions Dark Matter: DM3

Session | **Location:** Campus Bahrenfeld, Seminar Room 2, bldg. 2a, Notkestraße 85, 22607 Hamburg | **Convener:** Prof. Guenter Sigl

09:30–09:40 **Introduction**

09:40–10:10 **DM3.1, DM3.2: “beam instabilities”**

Speaker
Martin Pohl

10:10–10:30 **DM3.3: “magnetogenesis”**

Speakers
Prof. Guenter Sigl, Robi Banerjee

10:30

10:30

Parallel Sessions Dark Matter: DM2

Session | **Location:** Campus Bahrenfeld, Seminar Room 2, bldg. 2a | **Convener:** Prof. Dieter Horns

10:30–10:42 **DM2.1: Haloscopes - WISPDMMX, BRASS**

Speaker
Le Hoang Nguyen

10:42–10:54 **DM 2.2: Haloscopes - MADMAX**

Speaker
Prof. Erika Garutti

10:54–11:06 **DM2.3: Helioscope - IAXO**

Speaker
Uwe Schneekloth

11:06–11:18 **DM2.4: New experiments - WISPFi, WISPLC**

Speaker
Mr Yikun GU

11:18–11:30 **Discussion**

11:30

11:50

Parallel Sessions Dark Matter: DM1

Session | **Location:** Campus Bahrenfeld, Seminar Room 2, bldg. 2a | **Convener:** Kai Schmidt-Hoberg

11:50–12:04 **DM1.1: Searches for DM using galaxy surveys**

Speaker
Jochen Liske

12:04–12:18 **DM1.2: Constraints on DM self-interaction**

Speaker
Kai Schmidt-Hoberg

12:18-12:32

DM1.3: WISPs at Colliders

Speaker

Torben Ferber

12:32-12:46

DM1.4: "Improved background estimates in Dark Matter searches: Example Z(II)H(inv)"

Speaker

Mr Jorge Andres Sabater Iglesias

12:46-13:00

DM1.5: TAIGA + Heavy Dark matter searches

Speaker

Dr Martin Tluczykont

13:00