

WAVY DARK MATTER SUMMER 2022

first week

**ultra light dark
matter**

**foundations and
searches**

**31 july 2022
04 august 2022**

summer school
bad honnef, germany

second week

**17th patras
workshop on
axions, wimps
and wisps**

**08 august 2022
12 august 2022**

conference/workshop
mainz, germany

third week

**searches for
wave-like dark
matter with
quantum
networks**

**15 august 2022
19 august 2022**

workshop
mainz, germany

Deniz Aybaş
Karl van Bibber
Loredana Gastaldo
Philipp Haslinger
Federico Lelli
David J. E. Marsh
Manuel Meyer
Gulden Othman
Gilad Perez
Maxim Pospelov
Marianna Safronova
Felix Yu

The physics case for WIMPs, Axions, WISPs
Direct and indirect searches for Dark Matter and Dark Energy
Direct and indirect searches for Axions and WISPs
Signals from astrophysical sources
Review of collider experiments
New theoretical developments

www.wavydarkmatter.org



JOHANNES GUTENBERG
UNIVERSITÄT MAINZ



HIM
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Cluster of Excellence
PRISMA+
Precision Physics, Fundamental Interactions,
and Structure of Matter

mitp Mainz Institute for
Theoretical Physics

