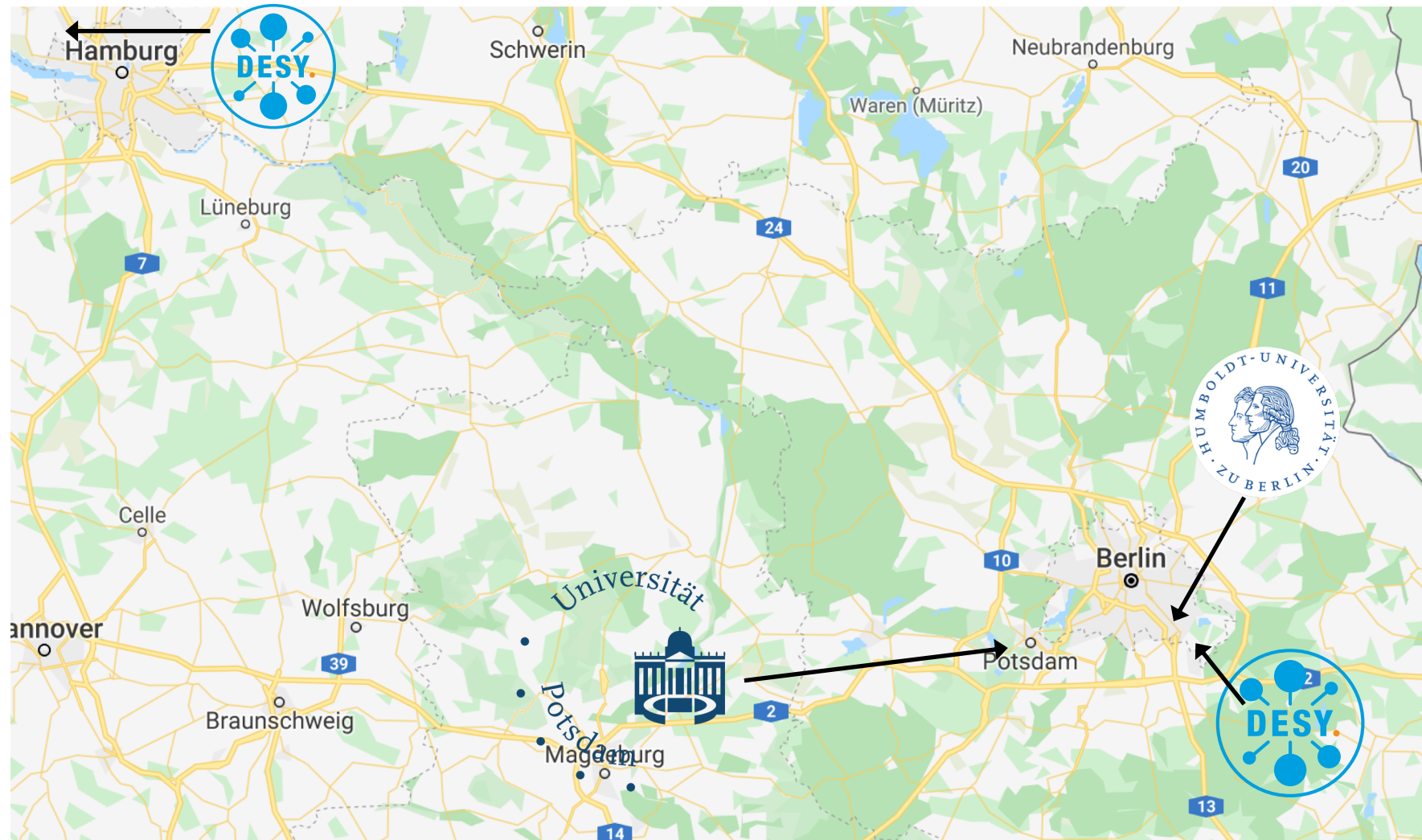


Partner university: Humboldt-University of Berlin

David Berge (DESY & HU Berlin)

HELMHOLTZ RESEARCH FOR
GRAND CHALLENGES





Research at MMS partner institutes

Research Topics of the Partner Institutions

All Institutions

Fundamentals of Astronomy
Data Analysis
Particle Astrophysics

General Relativity
Cosmology
Experimental Astrophysics

Expertise of the individual institutions

HU

Particle Detectors
Neutrino Physics
Particle Physics

UP

Plasma Physics
Astro Photonics

WIS

Compact Objects
Dark Matter

Physics institute of HU Berlin

- Just a few train rides between DESY Zeuthen and HU Berlin
- Bachelor and master of physics; master programme focusing on broad physics education plus more focussed astroparticle or particle physics lectures for master students interested in our topics
- Faculty members in astro- and particle physics focussed on
 - Theoretical particle physics including string theory, field theory, BSM in general
 - Experimental particle physics (LHC, SHiP), data analysis and instrumentation
 - Experimental astroparticle physics (gamma rays, neutrinos, optical and UV telescopes), data analysis and instrumentation
 - Theoretical astroparticle physics (cosmic neutrino production, neutrino properties)

School PIs affiliated with the HU Berlin

PIs of the school



David Berge
(DESY/ HU)



Anna Franckowiak
(DESY)
(soon in Bochum)



Christophe Grojean
(DESY/ HU)



Marek Kowalski
(DESY/ HU)



Walter Winter
(DESY)