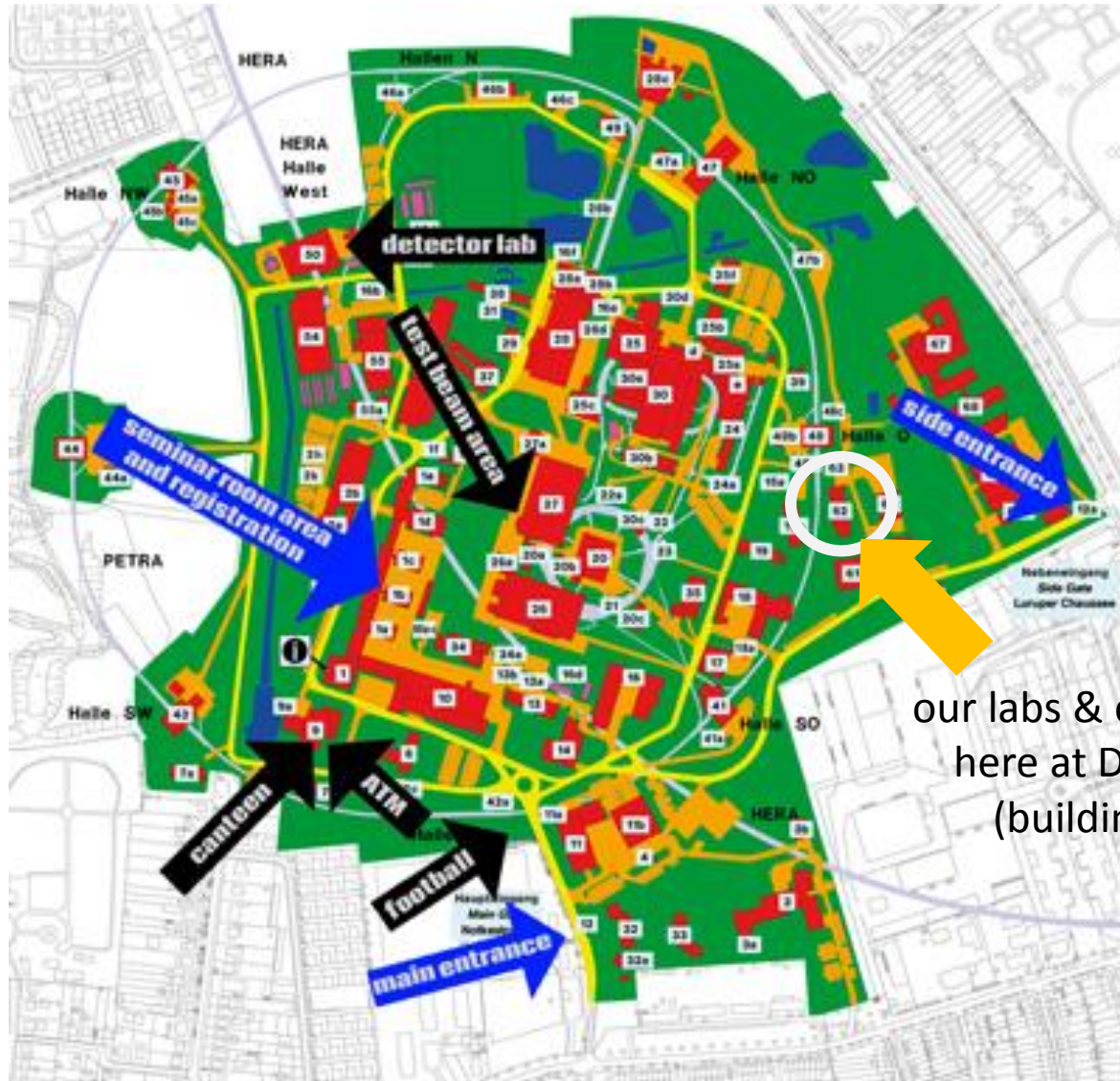


Group of Universität Hamburg

- Caren Hagner (Prof.)
- Joachim Ebert (Postdoc)
- Björn Wonsak (Postdoc)

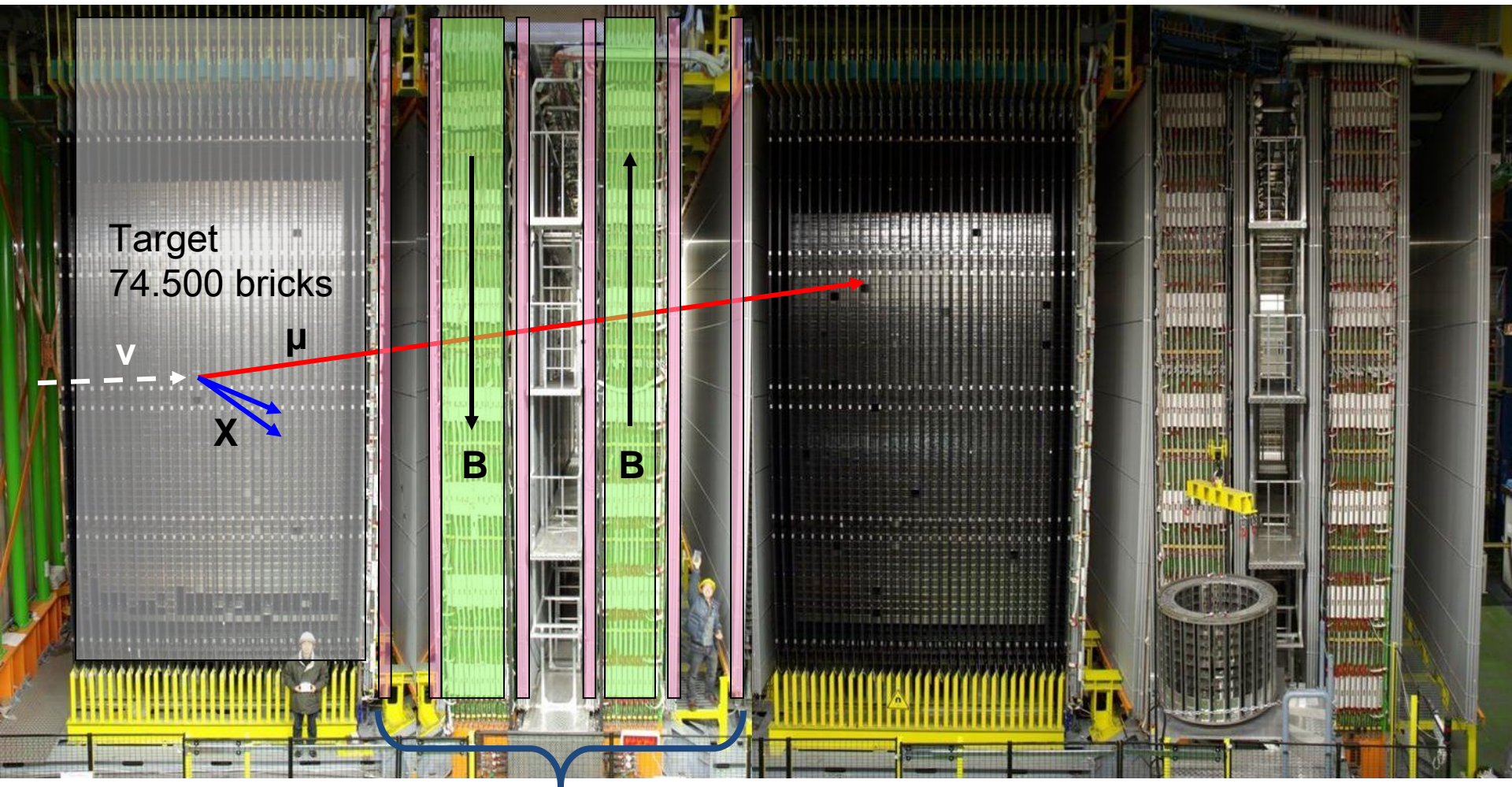
At present working in neutrino physics:

OPERA, BOREXINO, LAGUNA-LBNO, COBRA



our labs & offices are here at DESY site (building 62)

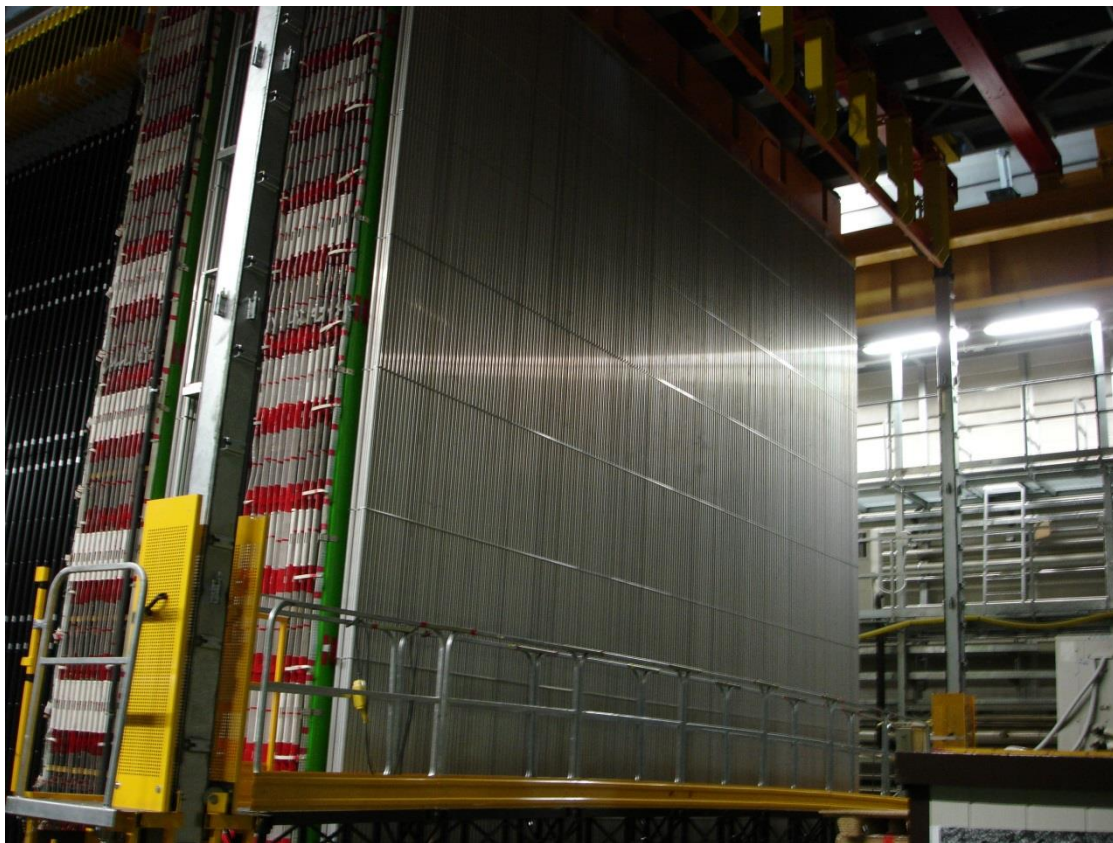
We have built the Precision Tracker of the OPERA – Detector



Magnetic Spectrometer:

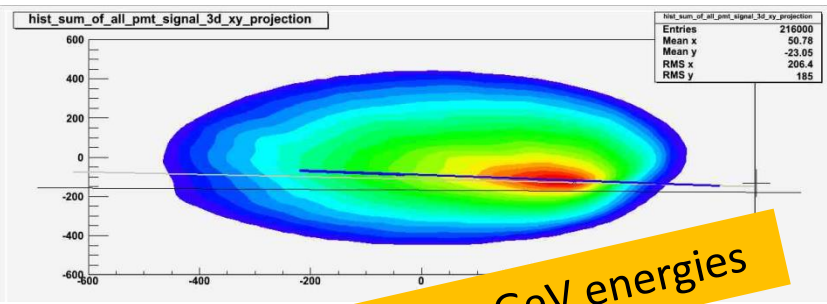
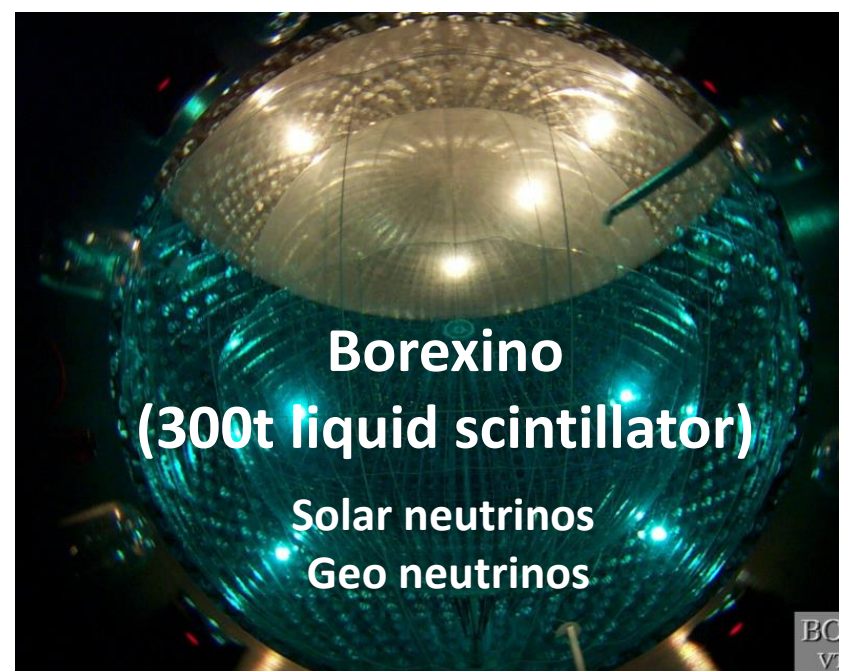
Magnet-Region:
Iron & RPCs

Precision Tracker:
6 Planes of Drifttubes



- 10000 Drifttubes
- slow control, gas system
- resolution $O(200\mu\text{m})$
- track reconstruction, alignment
- being operated since 2006

Significant parts of the mechanics have been done by the university workshop.
Mass fabrication of the modules was done in one of the DESY halls.



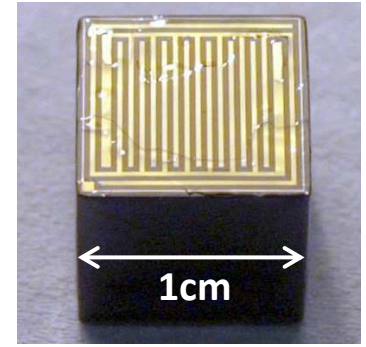
Working on tracking at GeV energies

LENA (Depth: 1400m)



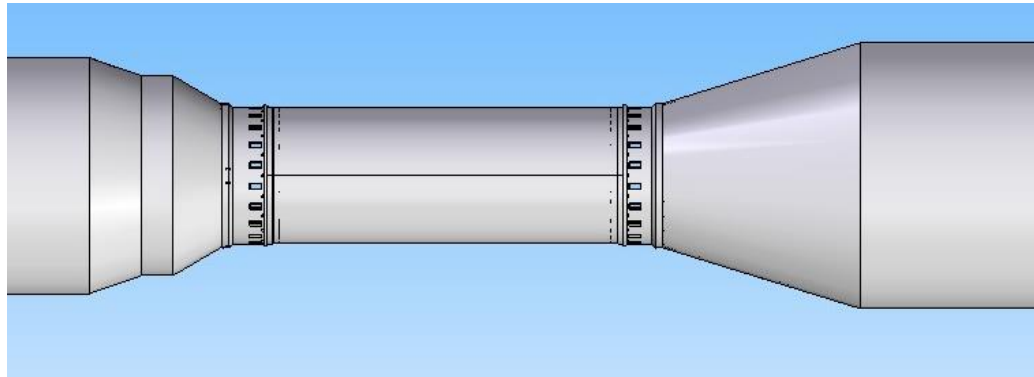
50kt Liquid Scintillator

- Low Energy Neutrinos (MeV)
- Astroparticle Physics
- Proton Decay (K channel)
- Tracking investigated**



COBRA:
 double beta decay
 CdZnTe detectors

We have started to participate in the production of the **AIM mockup** (see talk by J. Ebert) in close collaboration with the DESY group



Our plans for DEPFET:

- Continue and finish mockup production
- Define a project within DEPFET, where we can contribute
- Apply for funding