Plasma Theory Day 2023

When: January 26th, 2023
Where: Mensa building, Conference Room IV (upstairs, opposite Rote Bete) and on Zoom at https://ruhr-uni-bochum.zoom.us/j/66809947823?pwd=dlZubGUyaUwzYXIyRUNMMXhGZUxxUT09

Schedule:

09.30h: coffee

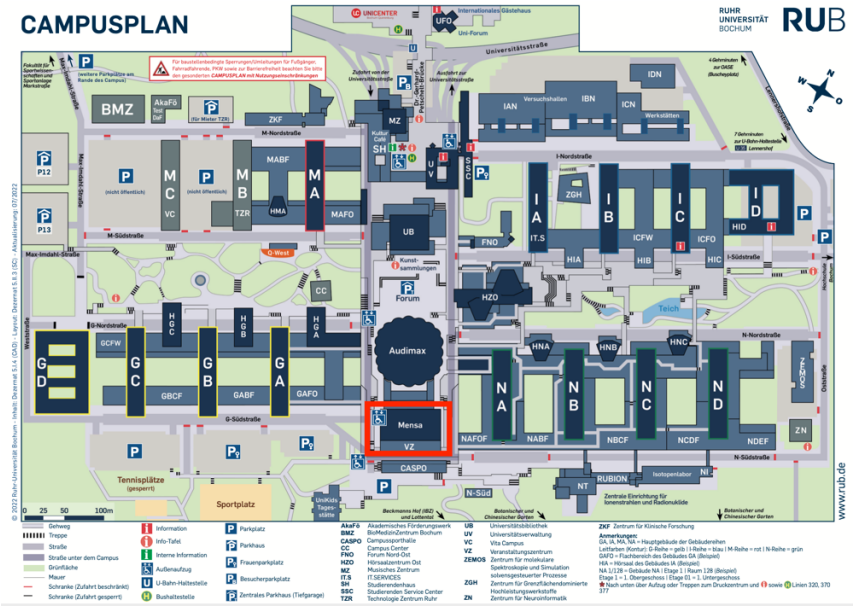
09.45 - 10.00h: Welcome
10.00 - 10.45h: **Evgeny Epelbaum**, Neutron stars and nuclear physics
10.45 - 11.30h: **Rolf Kuiper**, MHD disk formation and jet launching around massive protostars

11.30 – 11.45h: coffee break

11.45 – 12.30h: **Julia Tjus**, Cosmic-ray diffusion and ionization

12.30 – 13.30h: lunch break

13.30 – 14.15h: **Horst Fichtner**, Transport coefficients in non-equilibrium space plasmas with suprathermal particle populations
14.15 – 15.00h: **Thomas Mussenbrock**, Modeling and Simulation of Technological Plasmas
15.00 – 15.45h: **Katharina Kormann**, Relativistic particle simulations and structure

15.45 – 16.15: coffee break

16.15 – 16.45h: **Jürgen Dreher**, Relativistic MHD with a Resistive Ohm's law
16.45 – 17.15h: **Rainer Grauer**, Multiphysics simulations of collisionless plasmas
17.15 – 17.45h: **Maria Elena Innocenti**, Kinetic simulations of space plasmas