

# Data Driven Simulation of Solar CME Eruptions in Comparison with MRX Laboratory Eruption Experiments

*Tuesday, 10 November 2015 12:15 (45 minutes)*

We compare observed CME eruptions with the results of GOEMHD3 numerical simulations of the Solar atmosphere based on data obtained by observations of the Sun and taking into account cross-scale coupling effects of turbulence. We compare our findings with those of current laboratory eruption experiments carried out at the Princeton Plasma Physics Laboratory (MRX).

**Primary author:** Prof. BUECHNER, Joerg (Max-Planck-Institute for Solar System Reserach)

**Presenter:** Prof. BUECHNER, Joerg (Max-Planck-Institute for Solar System Reserach)