

Measurements in a downscaled water mockup and numerical simulation
for the DRESDYN large scale precession dynamo experiment

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Precession has been discussed since long as a complementary energy source of homogeneous dynamo action. We delineate the present status of the preparations of the DRESDYN liquid sodium precession experiment, including numerical simulations, pressure measurements, velocity measurements, torque measurements and power measurements in a down scaled water mockup. Furthermore we give an overview about engineering and constructional aspects for the real sodium experiment.