

## Numerical Simulations of Dynamo Experiments

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Several experimental groups throughout the world have reproduced the dynamo effect on a laboratory scale or are preparing to do so. All experiments rely on numerical simulations, both in the design phase and for data analysis. This talk presents a few examples of how experiments and simulations interact, and where they agree and disagree, in particular for the Karlsruhe experiment. Possible implications for the geodynamo will also be discussed.

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