



AAPPS-DPP 2018 Plenary speaker Name: Prof. Steven Tobias

Affiliation: Department of Applied Mathematics, University of Leeds

Talk Title: Flux expulsion and Dynamos

Short Abstract: I will discuss interactions some important recent advances in dynamo theory and magnetic flux expulsion. Particular emphasis will be given to the role of the Lorentz force in setting the ultimate state of the homogenization and magnetic helicity conservation for the saturation of dynamos.