



IAEA FEC 201

Contribution ID: 122

Type: **Poster**

## The effect of shaping on reversed field pinch dynamics

*Wednesday, 19 October 2016 08:30 (4 hours)*

A notable influence of the shape of the plasma on the dynamics of RFPs is clearly illustrated by simulations of fully nonlinear visco-resistive magnetohydrodynamics. The axial mode-spectrum is qualitatively changed in cylinders with elliptic cross-section. The results suggest that shaping will change, and possibly improve the confinement of RFPs.

### Paper Number

TH/P3-34

### Country or International Organization

France

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**Session Classification:** Poster 3

**Track Classification:** THC - Magnetic Confinement Theory and Modelling: Confinement