

Recent Results from MAST

Mikhail Gryaznevich for the MAST team.
EURATOM/UKAEA Fusion Association, Culham Science Centre,
Abingdon, Oxfordshire, OX14 3DB, UK

During 2003-04 MAST has undergone significant enhancement including new divertors, change in poloidal field coils position, error field correction coils, a new gas injection system, a new NB source and several new and enhanced diagnostic systems.

Preliminary results from the new M4 experimental campaign will be presented including non-solenoid start-up studies, error field correction studies, EBW heating and formation experiments, H-mode access with the new divertor geometry, ELMs studies etc. New results of the analysis of data from the 2003 experimental campaign will be also presented and discussed.

This work is funded jointly by the UK Engineering and Physical Sciences Research Council and EURATOM.