

PPPL-3249 - Preprint: May 1997, UC-420,421,422,426,427
CONF-9612133 -- SUMM.
**WORKSHOP ON FEEDBACK STABILIZATION
OF MHD INSTABILITIES**

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ABSTRACT

The feedback stabilization of MHD instabilities is an area of research that is critical for improving the performance and economic attractiveness of magnetic confinement devices. A Workshop dedicated to feedback stabilization of MHD instabilities was held from December 11-13, 1996 at the Princeton Plasma Physics Laboratory, Princeton NJ, USA. The resulting presentations, conclusions, and recommendations are summarized.

1. INTRODUCTION

A workshop on feedback stabilization of MHD instabilities was held from December 11-13, 1996 at the Princeton Plasma Physics Laboratory, Princeton, NJ, USA. The feedback stabilization of MHD instabilities is an area of research that is critical for improving the performance and economic attractiveness of magnetic confinement devices. The scope of the workshop included active and passive control of MHD modes, such as kinks and tearing modes or tilting modes, and the feedback control of plasma profiles in order to prevent the onset of instabilities.

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