

PREFACE

SEVENTH INTERNATIONAL CONFERENCE ON OPEN MAGNETIC SYSTEMS FOR PLASMA CONFINEMENT

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The Seventh International Conference on Open Magnetic Systems for Plasma Confinement (OS2008) was held at the International Convention Center in Daejeon, Korea, from July 15–18, 2008. The National Fusion Research Institute hosted this conference; the scientific presentations included 24 oral and 50 poster papers.

The scientific program and selection of papers were supervised and reviewed by the International Program Committee (IPC) for this conference. The selection of papers for publication in *Transactions of Fusion Science and Technology* was therefore the responsibility of the IPC.

The topics discussed in this conference were from basic plasma physics to applications of mirror-based plasmas into various fields such as neutron source and space propulsion. Recent progress in mirror devices and highlights of mirror-based plasma research were presented as oral and poster presentations also.

It has been agreed that the eighth conference (OS2010) will be held in Novosibirsk, Russia, in 2010.

The members of the organizing committee are grateful to the American Nuclear Society for its sincere cooperation in the publication of these proceedings.