

PREFACE

INTERNATIONAL CONFERENCE ON OPEN MAGNETIC SYSTEMS FOR PLASMA CONFINEMENT

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The International Conference on Open Magnetic Systems for Plasma Confinement, July 27–31, 1998, was organized by the Budker Institute of Nuclear Physics, Novosibirsk, Russia, in cooperation with the International Atomic Energy Agency. It was a satellite meeting of the 1998 International Congress on Plasma Physics, June 29 to July 3, 1998. The conference included topics from the areas of plasma confinement, plasma heating, transport phenomena, magnetohydrodynamic stabilization, mirror-based neutron sources, plasma diagnostics in open systems, systems for direct conversion of energy, prospects of mirror-based reactors, modeling of processes in divertors by plasma fluxes from mirrors, and application of mirror plasmas.

Delegates from nine countries took part in the meeting. The conference program included 8 invited review lectures, 6 topical review lectures, 38 topical lectures, and 31 poster presentations.

The scientific program and paper selection were the responsibility of the International Program Committee. All papers were reviewed by members of the committee and are published in the final camera-ready versions provided by the authors.

It has been agreed that this conference should be repeated every two years. The next one is planned to be in Tsukuba, Japan, in 2000.

The members of the Organizing Committee are grateful to the publishers for their cooperation.