

# PREFACE

## 3rd INTERNATIONAL CONFERENCE ON OPEN MAGNETIC SYSTEMS FOR PLASMA CONFINEMENT

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The 3rd International Conference on Open Magnetic Systems for Plasma Confinement, July 3–6, 2000, was organized by the Plasma Research Center, University of Tsukuba, Tsukuba, Japan, in cooperation with the Japan Society of Plasma Science and Nuclear Fusion Research and the Japan Society for the Promotion of Science. It was a repeat of the former International Conference on Open Magnetic Systems for Plasma Confinement, July 27–31, 1998, Novosibirsk, Russia. Because a similar conference was held in Novosibirsk in 1993, this conference was named the 3rd International Conference. The conference included the topics 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 seven countries took part in the meeting. The conference program included 10 invited review lectures, 8 topical review lectures, 20 topical lectures, and 54 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 4th International Conference is planned to be in Taejeon, Korea, in 2002.

The members of the organizing committee are grateful to the publishers for their cooperation.