

PREFACE

TENTH INTERNATIONAL CONFERENCE ON OPEN MAGNETIC SYSTEMS FOR PLASMA CONFINEMENT

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The Tenth International Conference on Open Magnetic Systems for Plasma Confinement (OS 2014), hosted by the National Fusion Research Institute, was held in Daejeon, Korea, from August 26 to 29, 2014. There were a total of 76 scientific presentations, consisting of 32 oral and 44 poster presentations.

Having a long history, the Open Systems conference series first began with the development of nuclear fusion research and the 14-MeV neutron source. Since then, it has expanded interest on various research topics, including plasma-material interactions as well as plasma applications and technology and even space propulsion. While emphasizing attributes of mirror-based magnetic systems toward the development of nuclear fusion research, OS 2014 aimed at the understanding of key plasma physics and the tackling of engineering challenges—and more importantly, the exchange of ideas and common interests among participants.

It has been agreed that the Eleventh International Conference on Open Magnetic Systems for Plasma Confinement will be held in Akademgorodok, Novosibirsk, Russia, in 2016.

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