

The *Magnetic and Superconducting Materials (MSM) Conference*, which is held biannually in many countries, started in 1999 as a scientific conference on magnetism and superconductivity and their application in materials. Today *MSM* conferences aim to bring together regional and international research groups and technologists of related companies to discuss new materials, their results and current problems in the areas of superconductivity, magnetism, novel materials and also in the general field of Low Temperature Physics. The main goal of the *MSM* conference series is to increase collaboration within the region and the third world countries, and with the international community among the scientists from the developed countries. It is only through the sharing of experience with scientists around the world that one could fully benefit from natural and human resources. During the *MSM15* conference we have received more than 250 abstracts from 22 different countries, plenary, invited and contributed talks were presented and many scientific subjects were widely discussed. The contributions in this volume have been reviewed by the eminent international scientists and represent some of the invited and contributed talks presented during *MSM15* conference. We would like to thank to all of the participants attending the conference and also international scientific committee for their contribution to a high level conference and its overall success. We also would like to thank to our sponsors İnönü University, Gazi University, Çukurova University, Abant İzzet Baysal University and Bülent Ecevit University and more than eight scientific companies during the conference.

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Editors

