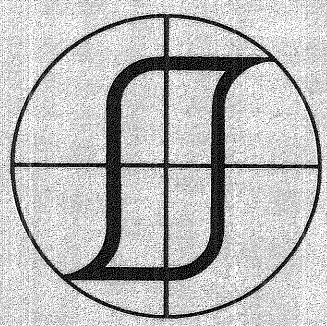


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**Proceedings**  
**The International Symposium on Magnetism**  
**for the 10th Anniversary**  
**of the Korean Magnetism Society**


**The 2000 Fall Conference**  
**of the Korean Magnetism Society**



**Lotte Hotel Cheju / Cheju National University**  
**Cheju Island, Korea**  
**September 28 - 30, 2000**

**Edited by**  
**S. H. Lim**  
**C. S. Kim**  
**T. D. Lee**

**The Korean Magnetism Society**  
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Organized by  
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## PREFACE

In 1990, the Korean Magnetism Society was established to serve as a vehicle to exchange ideas and to expand our knowledge of understandings in magnetism for researchers and engineers of different academic fields in Korea. This purpose was well-rewarded and researches of magnetism were more expanded in quality and as well as volume.

Since the foundation of the Korean Magnetism Society, we had organized and very successfully finished two big international conferences, namely, Intermag99 and ISPM95 (the 3rd International Symposium on Physics of Magnetism and Magnetic Materials). We believe that these two occasions have provided chances to expose Korean magneticians to world magnetic circles and will provide more opportunity to do cooperative research with world class researchers in future.

To commemorate 10th anniversary of the foundation of the Korean Magnetism Society, we decided to organize two meetings in Cheju Island: The International Symposium on Magnetism and The 2000 Fall Conference. In the Symposium which is to be held at Lotte Hotel Cheju on Sep. 29, 8 invited papers will be presented in the fields of spin electronics (including MRAM) and ultrahigh density recording. All the invited speakers are world leaders in the fields, and we believe that the Symposium does provide Korean scientists and engineers a timely update to these hot and challenging fields. The annual 2000 Fall Conference is to be held on the next day (Sep. 30) at Cheju National University. We are very much encouraged by a large number (about 120) of papers submitted for the meeting, and expect heated discussion during the whole session for the benefit of ALL!

We sincerely hope these two meetings at the beautiful island of Cheju give Korean researchers an opportunity to re-assess their strategy, and to work together with researchers in different fields such as electronic engineers.

September 2000

T. D. Lee  
Chairman of the Organizing Committee

W. Y. Lim  
President of the Korean Magnetism Society