

Preface

THE Asia-Pacific Magnetic Recording Conference (APMRC 2004) was hosted by the Center for Information Storage Device (CISD), Yonsei University, Seoul, Korea. The conference was held at Sangnam Institute of Management, Yonsei University, from August 16 to 19, 2004. The conference focused on mechanical and manufacturing aspects of hard disk drive technology. The conference program committee selected 38 papers for oral presentation and 17 others for poster presentation. About 116 professionals and students from around the world participated in APMRC 2004.

The oral presentations were organized into six sessions: Hard Disk Drive(HDD)/Actuator Design, Head/Disk Interface (HDI) (Tribology and Contamination), Spindle and Motor Design, Servo-Mechanical Design, Manufacturing and Measurement, and Future Technologies. The poster sessions were organized under the same topics. The conference digest [*Digests of the APMRC-2004*, IEEE Catalog no. 04EX942, ISBN 0-7803-8717-1, Aug. 2004] contains a two-page summary of each paper presented at the conference, including the poster papers.

The success of the sessions held at APMRC 2004 was made possible by the contributions from all members of the Organizing and Program Committees:

Organizing Co-Chairs: Young-Pil Park (Yonsei University) and Koichi Tsuzuki (Hitachi).

Publication Chair: Guoxiao Guo (Data Storage Institute).

Program Session Co-Chairs: Fu-Ying Hung (Hitachi Global Storage Technologies) and Gunhee Jang (Hanyang University); Keiji Aruga (Fujitsu) and Cheol-Soon Kim (Samsung Advanced Institute of Technology); Shinobu Yoshida (Hitachi) and Hoseong Lee (Samsung Electronics); Zine Boutaghou (Seagate Technology) and Dae Eun Kim (Yonsei University); Lin Guo (Maxtor) and Chul Woo Lee (Samsung Electronics); Yiao-Tee Hsia (Seagate Technology) and No Yeol Park (Samsung Advanced Institute of Technology).

Poster Session Chair: Hyun Seok Yang (Yonsei University).

We would like to thank those in the many storage companies and institutions who contributed to the success of the conference. We especially would like to thank Guoxiao Guo of Data Storage Institute, Singapore, for his efforts in coordinating with the IEEE TRANSACTIONS ON MAGNETICS. We also would like to thank the Steering Committee Members of APMRC for their advice and support.

SRI SRI-JAYANTHA, *Technical Program Co-Chair*
APMRC 2004
IBM Research
Yorktown Heights, NY USA

NO YEOL PARK, *Technical Program Co-Chair*
APMRC 2004
Samsung Advanced Institute of Technology
Suwon, Korea