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Front Matter: Volume 7500

, "Front Matter: Volume 7500," Proc. SPIE 7500, ICMIT 2009: Mechatronics and Information Technology, 750001 (10 February 2010); doi: 10.1117/12.861316

SPIE.

Event: ICMIT 2009: Mechatronics and Information Technology, 2009, Gwangju, Korea, Republic of

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ICMIT 2009

Mechatronics and Information Technology

**Jeha Ryu
Kil To Chong
Ryojun Ikeura
Qingkai Han**
Editors

**3–5 December 2009
Gwangju (Korea, Republic of)**

Organized by
Institute of Control, Robotics and Systems (Korea, Republic of)

Sponsored by
Gwangju Institute of Science and Technology (Korea, Republic of)
Applied Electromagnetics and Mechanics (Japan)
Chongqing Institute of Technology (China)

Published by
SPIE

Volume 7500

Proceedings of SPIE, 0277-786X, v. 7500

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Author(s), "Title of Paper," in *ICMIT 2009: Mechatronics and Information Technology*, edited by Jeha Ryu, Kil To Chong, Ryojun Ikeura, Qingkai Han, Proceedings of SPIE Vol. 7500 (SPIE, Bellingham, WA, 2010) Article CID Number.

ISSN 0277-786X

ISBN 9780819478115

Published by

SPIE

P.O. Box 10, Bellingham, Washington 98227-0010 USA

Telephone +1 360 676 3290 (Pacific Time) · Fax +1 360 647 1445

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Introduction

On behalf of the Organizing Committee of the 2009 International Conference on Mechatronics and Information Technology (ICMIT2009), we feel honored to invite you to ICMIT 2009, which will be held on 3–5 December 2009 at the Convention Center (Oryong Hall) of Gwangju Institute of Science and Technology (GIST). ICMIT has 14 years of tradition for providing opportunities for professional interactions and networking in the field of advanced mechatronics and information technology. This conference will be a forum to share ideas, information, and to enlarge human networks in mechatronics and IT under the conference theme of "Convergence of Mechatronics and IT for Better Future Life."

With the purpose of promoting a cooperative research development relationship between Asian countries, the Korea-Japan Joint Advanced Mechatronics Research Association initiated the first International Workshop on Advanced Mechatronics (IWAM) in 1995. The association changed the conference name to the International Conference on Mechatronics and Information Technology (ICMIT) in 2001, in order to keep up with the new trend of mechatronics and apply information and technology to the mechatronics technology. The ICMIT 2009 is the 8th conference in a series of the biennial conference that began in Cheju (KR) first, continuing to Nagasaki (JP), Chunchen (KR), Yamaguchi (JP), Jecheon (KR), Chongqing (CN), Gifu (JP), and now Gwangju. Now it becomes one of the leading and prestigious conferences contributing to the advancement in mechatronics technology.

We would like to express our sincere appreciation to the members of the Advisory Board, Program Committee, and Steering Committee for their valuable contributions to ICMIT 2009. Also, we thank the Gwangju Municipal, GIST, institutes, and sponsoring companies for their support of the conference.

Jeha Ryu
Ryojun Ikeura
Qingkai Han
General Chairs of ICMIT 2009