

**[MB1] (Special Session) Haptic Interaction with Robots**

Time: 15:10 ~ 17:10

Room: Room 1 (Halla Hall 1)

Session Co-Chairs: Jeha Ryu (GIST, Korea)

J. Edward Colgate (Northwestern Univ., USA)

- 15:10-15:50 MB1-1 Using Haptic Communications with the Leg to Maintain Exercise Intensity**  
*Aaron R. Ferber, Michael Peshkin, and J. Edward Colgate (Northwestern Univ., USA)*
- 15:50-16:10 MB1-2 A Quantitative Evaluation Method of Handedness Using Haptic Virtual Reality Technology**  
*Tsuneo Yoshikawa, Masanao Kodea, and Munetaka Sugihashi (Ritsumeikan Univ., Japan)*
- 16:10-16:30 MB1-3 A Preliminary Test for Bilateral Teleoperation Using Energy Bounding Algorithm**  
*Jong-Phil Kim, Changhoon Seo, and Jeha Ryu (GIST, Korea)*
- 16:30-16:50 MB1-4 Perceptually Transparent Vibration Rendering Using a Vibration Motor for Haptic Interaction**  
*Jonghyun Ryu, Jaehoon Jung, Seojoon Kim, and Seungmoon Choi (POSTECH, Korea)*
- 16:50-17:10 MB1-5 A Hybrid Approach for Real-time Haptic and Graphic Simulator in Virtual Environment**  
*Sang-Youn Kim (Korea Univ. of Tech. and Education, Korea), Segil Park (ICU, Korea), Dong-Soo Kwon (KAIST, Korea), and Jinah Park (ICU, Korea)*