

[TB1] Visual Sensing and Cognition

Time: 14:50 ~ 16:30

Room: Room 1 (Halla Hall 1)

Session Co-Chairs: Jun-ichi Imai (The Univ. of Electro-Communications, Japan)

Sukhan Lee (Sungkyunkwan Univ., Korea)

- 14:50-15:10** **TB1-1** **High School Educational Program using a Simple and Compact Stereo Vision Robot**
Takeshi Morishita and Tetsuro Yabuta (Yokohama Nat'l Univ., Japan)
- 15:10-15:30** **TB1-2** **Planar Patch based 3D Environment Modeling with Stereo Camera**
Eunyoung Kim, Gerard Medioni (Univ. of Southern California, USA), and Sukhan Lee (Sungkyunkwan Univ., Korea)
- 15:30-15:50** **TB1-3** **Robust Real-Time Vision for a Personal Service Robot in a Home Visual Sensor Network**
Kwangsue Kim and Gerard Medioni (Univ. of Southern California, USA)
- 15:50-16:10** **TB1-4** **Estimation of Robot's and User's Views and Blind Regions in Occlusion Environments**
Jun-ichi Imai and Masahide Kaneko (The Univ. of Electro-Communications, Japan)