

[MB4] (Special Session) The Science and Fiction of the Uncanny Valley

Time: 15:10 ~ 16:50

Room: Room 4 (Weolla Hall)

Session Co-Chairs: Christoph Bartneck (Eindhoven Univ. of Tech., Netherlands)

Takanori Komatsu (Future Univ.-Hakodate, Japan)

- 15:10-15:50 MB4-1 Is The Uncanny Valley An Uncanny Cliff?**
Christoph Bartneck (Eindhoven Univ. of Tech., The Netherlands), Takayuki Kanda, Hiroshi Ishiguro, and Norihiro Hagita (ATR, Japan)
- 15:50-16:10 MB4-2 Uncanny Valley of Androids and Its Lateral Inhibition Hypothesis**
Michihiro Shimada (Osaka Univ., Japan), Takashi Minato (Japan Science and Tech. Agency, Japan), Shoji Itakura (Kyoto Univ., Japan), and Hiroshi Ishiguro (Osaka Univ., Japan)
- 16:10-16:30 MB4-3 Effects of Robotic Agents' Appearances on Users' Interpretations of the Agents' Attitudes: towards an Expansion of "Uncanny Valley" assumption**
Takanori Komatsu (Future Univ.of Hakodate, Japan) and Seiji Yamada (Nat'l Inst.f Infomatics, Japan)
- 16:30-16:50 MB4-4 Design guidelines and tools for creating believable motion for personal robots**
Martin Saerbeck and Albert van Breemen (Philips Research, The Netherlands)