

[WA4] (Special Session) Musical Performance Robots

Time: 10:00 ~ 12:00

Room: Room 4 (Weolla Hall)

Session Co-Chairs: Jorge Solis (Waseda Univ., Japan)

Atsuo Takanishi (Waseda Univ., Japan)

- 10:00-10:40** **WA4-1** **Research Trends on Musical Performance Robots**
Atsuo Takanishi, Jorge Solis (Waseda Univ., Japan)
- 10:40-11:00** **WA4-2** **Toward Developing a Violin Playing Robot - Bowing by Anthropomorphic Robot Arm and Sound Analysis -**
Koji Shibuya, Shoji Matsuda, and Akira Takahara (RYukoku Univ., Japan)
- 11:00-11:20** **WA4-3** **Robotic Musicianship the Design of a Perceptual and Improvisational Robotic Marimba Player**
Gil Weinberg and Scott Driscoll (Georgia Inst. of Tech., USA)
- 11:20-11:40** **WA4-4** **Integration of percussion robots "RobotMusic" with the Data-Suit "BodySuit": Technological Aspects and Concepts**
Suguru Goto (IRCAM, France) and Fuminori Yamasaki (iXs Research Corp., France)
- 11:40-12:00** **WA4-5** **Towards an Expressive Performance of the Waseda Flutist Robot: Production of Vibrato**
Jorge Solis, Koichi Taniguchi, Takeshi Ninomiya, and Atsuo Takanishi (Waseda Univ., Japan)