

Room 2 & 3			
V: Video and Interactive Session		13:00-14:40 Video Session	
		14:40-15:20 Poster Session	
Masaaki Shibata (Seikei University)			
Sho Sakaino (Saitama University)			
	Topic	Title	First Autor
V-1	Robotics and Mechatronics	A Study on Mechanical Stiffness in Force Control of Tendon Arm	Tatsuya Kageyama (Mie University)
V-2	Haptics	Development of chair-type tactile interface utilizing body motion	Hiroyuki Kitamura (Saitama University)
V-3	Advanced Control Theory	A Direct Tuning Disturbance Observer by Input/Output Data from Some Deviated Plants Satisfying Stability Constraint	Naoya Iwamoto (Mie University)
V-4	Advanced Control Theory	Controller Design for Phase Stabilization Based on Circle Condition by Using Nyquist Diagram	Kazuki Nakamura (Mie University)
V-5	Advanced Control Theory	Direct Tuning of State Feedback Gains with Stability Constraint Based on Nyquist Criterion Using Experimental Data	Shogo Aoki (Mie University)
V-6	Network-based Control	Cyclic Sleep Control of Network Interfaces in Feedback Path for Energy-Efficient Networked Control Systems	Takahiro Funakoshi (Keio University)
V-7	Advanced Control Theory	Feedforward Controller Design for NMP System Using Input/Output Data	Keita Takewaka (Mie University)
V-8	Industrial Applications	Nonlinear dead beat control for boost converter	Aviti Mushi (Yokohama National University)
V-9	Vision System	Eye Gaze Estimation Based on Corneal Reflection Image Using Monocular Camera for Intelligent Poster	Roma Urano (Shibaura Institute of Technology)
V-10	Haptics	Experimental Evaluations of Force Control Using Reaction Force Observer Considering Friction Dynamics	Shota Fujihara (Nagoya Institute of Technology)
V-11	Robotics and Mechatronics	Experimental Study on Force Feedback Method for Bilateral Control System	Takuya Uesugi (National Institute of Technology, Gunma College)
V-12	Robotics and Mechatronics	Position Sensor-less Control for Robot Hand Based on System Identification	Takuya Tamai (Shibaura Institute of Technology)
V-13	High Precision Control	Hysteresis Modeling Based on Prandtl-Ishlinskii Model in Piezoelectric Actuators	Tatsuru Senyo (Nagoya Institute of Technology)
V-14	Robotics and Mechatronics	Angle Sensor-less Control for Robot Fingers Using Kalman Filter	Megumi Yasuda (Shibaura Institute of Technology)
V-15	Robotics and Mechatronics	An Optimal Method of Posture Control of Multilegged Walking Robot with Redundant Degrees of Freedom Legs	Hayato Mizumura (National Institute of Technology, Gunma College)
V-16	Industrial Applications	A Consideration on Attitude Control System for Small Satellite with Dual Reaction Wheel	Mizuki Ando (National Institute of Technology, Gunma College)
V-17	Vision System	Extraction Method of Texture Features on Monitoring Image of Coral Reef	Asahi Matsuda (Kagawa University)
V-18	Signal Processing Techniques	Estimated Muscular Strength of Limbs by Using Bone-on-Bone Stress	Daichi Sugita (Mie University)