		Lecture Room 201/203	
V: Video and Interactive Session		13：00–14：00 Video Session	
		14：00–15:00 Poster Session	
		Prof. Satoshi Suzuki (Tokyo Denki University)	
		Dr. Tran Phuong Thao (Nagaoka University of Technology)	
	Topic	**Title**	**First Autor**
V-1	Advanced Automotive Control	Velocity Estimation using Position and Acceleration Sensors for Electric Tiller Control	Wataru Kato (Nagaoka University of Technology), Toshimasa Miyazaki (Nagaoka University of Technology), Kiyoshi Ohishi (Nagaoka University of Technology)
V-2	Advanced Automotive Control	Propeller Thrust Control Using Propeller Counter Torque for 4 Axis Electric Ship	Shohei Matsuoka (Nagaoka University of Technology), Toshimasa Miyazaki (Nagaoka University of Technology), Kiyoshi Ohishi (Nagaoka University of Technology), Yoshihisa Hojo (Toyo Denki Seizo K.K)
V-3	Haptics	Two-channels Bilateral Control in Multi-Degree of Freedom Mechanism	Masahiro Tajiri (Yokohama National University), Yasutaka Fujimoto (Yokohama National University)
V-4	Advanced Automotive Control	Fuel Efficiency Strategy for the Hybrid Electric Vehicle using Model Predictive Control	Daichi Ishida (Tokyo Denki University), Koichi Hidaka (Tokyo Denki University)
V-5	Signal Processing Techniques	Determination Method of Optimal Fiber Length for each Muscle Group	Tomoya Ohashi (Mie University), Satoshi Komada (Mie University), Daisuke Yashiro (Mie University), Kazuhiro Yubai (Mie University)
V-6	Signal Processing Techniques	Accuracy Improvement of Lower Limb Muscle Evaluation Equipment Enabling Separation of Mono- and Bi- Articular Muscles	Takahiro Kawai (Mie University), Satoshi Komada (Mie University), Daisuke Yashiro (Mie University), Kazuhiro Yubai (Mie University), Akinobu Nisimura (Mie University)
V-7	Robotics and Mechatronics	Posture Determination of Tendon Arms with Nonlinear Springs Considering Force and Stiffness in Task Space	Akihisa Hirata (Mie University), Satoshi Komada (Mie University), Daisuke Yashiro (Mie University), Kazuhiro Yubai (Mie University)
V-8	Medical and Welfare Applications	Development of a 3-joint Low-weight Powered Walk Assist Robot Using Series Elastic Actuators	Yutaka Fukumori (Mie University), Satoshi Komada (Mie University), Daisuke Yashiro (Mie University), Kazuhiro Yubai (Mie University)
V-9	Robotics and Mechatronics	Study on binocular visual space visual servoing using simple coordinate transformations	Sota Igaki (Mie University), Satoshi Komada (Mie University), Daisuke Yashiro (Mie University), Kazuhiro Yubai (Mie University)
V-10	Vision System	Measurement of Driver's Head Orientation using a Stereo Camera	Kensuke Arai (Tokyo Denki University), Koichi Hidaka (Tokyo Denki University)
V-11	Robotics and Mechatronics	A Study on the Joint Trajectory Planning of Multilegged Walking Robot using Optimization	Jun'ya Terayama (National Institute of Technology, Gunma College), Naoya Yoshinaga (National Institute of Technology, Gunma College), Yusuke Hirama (National Institute of Technology, Gunma College), Nobuto Hirakoso (National Institute of Technology, Gunma College), Yoichi Shigematsu (National Institute of Technology, Gunma College)
V-12	Robotics and Mechatronics	Kinematics and Statics Analysis of Bird Leg Mimic Robot Hand with Redundant Degrees of Freedom for UAV	Kosuke Seo (National Institute of Technology, Gunma College), Osamu Azami (Tokyo Medical and Dental University Tokyo), Masatoshi Higuchi (National Institute of Technology, Gunma College), Nobuto Hirakoso (National Institute of Technology, Gunma College), Yoichi Shigematsu (National Institute of Technology, Gunma College)