1st STAMP WORKSHOP IN JAPAN [Program]

Theme	**STAMP WORKSHOP IN JAPAN**	
Date	December 5-7, 2016	
Venue	December 5, 2016	Innamori Center, Kyusyu University
	December 6-7, 2016	West New Plaza, Kyusyu University

Symposium of Modeling and verification of social technology system

December 5, 2016	9:00 am -9:10 am	Greeting from the organizer Keijiro Araki, Chair, Kyusyu University
	9:10 am -10:10 am	Keynote speech： 『STAMP/STPA Beginner Introduction』 John Thomas, MIT
	10:20 am -11:50 am	Keynote speech： 『STAMP/STPA Intermediate Tutorial』 John Thomas, MIT
	12:00 pm -1:00 pm	Keynote speech： 『STPA Applied to Automotive Automated Parking Assist』 John Thomas, MIT
	1:00 pm -2:00 pm	Intermission
	2:00 pm -2:10 pm	Introduction: Keijiro Araki, Chair, Kyusyu University
	2:10 pm -5:20 pm	**Invited lecture (45 minutes each including Q & A)** Chairperson: Katsutoshi Shintani 『Software IV&V and STAMP』 Nobuyuki Hoshino, Japan Manned Space Systems Corp. (JAMSS) 『Research Issues for integrating System Theory and Assurance Case』 Shuichiro Yamamoto,Nagoya University
	6:00 pm	A social gathering

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December 6, 2016	9:30 am -9:40 am	Message from the program chairperson Shigeru Kusakabe, Chair , University of Nagasaki
	9:40 am -11:10 am	**Invited lecture (45 minutes each including Q & A)** Chairperson: Shigeru Kusakabe 『Safety of Socio-Technical Systems and Resilience Engineering』 Masaharu Kitamura, Research Institute for Technology Management Strategy (TeMS) 『STAMP and FRAM』 Hideki Nomoto, Japan Manned Space Systems Corp. (JAMSS)
	11:20 am -12:00 pm	**STAMP Short session (20 minutes each)** Chairperson: Hideki Nomoto (1) STAMP modeling of greenhouse control Daisaku Arita, University of Nagasaki /Shigeru Kusakabe, University of Nagasaki (2) Trial to apply STAMP/STPA-sec for mitigating damage of an intranet from targeted attacks Masahiko Kato, University of Nagasaki /Shigeru Kusakabe, University of Nagasaki
	1:00 pm -2:30 pm	**General lecture session A (30 minutes each)** Chairperson: Yukihiro Mihara (3) Safety thinking for complex system design based on STAMP/STPA Shigeru Kanemoto, School of Computer Science and Engineering, University of Aizu (4) A Trial of STAMP/STPA in ET Robot Contest and Design and Implementation of Web-based STPA tool Junro Abe*, Yuya Furukawa*, Keishi Okamoto**, Yutaka Matsuno* *Department of Computer Engineering, College of Science and Technology, Nihon University ** National Institute of Technology, Sendai College

		(5) A case study on applying STAMP/STPA to a two-wheel-pendulum of ET Robot Contest Fuga Ohtomo*, Yutaro Kikuchi*, Katsuaki Rikitake*, Keishi Okamoto* *National Institute of Technology, Sendai College
	2:40 pm -4:10 pm	**General lecture session B (30 minutes each)** Chairperson: Shogo Ishii (6) Safety Analysis of Personal Vehicle on Water MINAMO Naoyuki Takesue*, Shunnosuke Naruoka*, Yuta Otsuka* *Tokyo Metropolitan University (7) Safety Analysis of Aquatic Segway, "MINAMO", using STAMP/STPA Masanori Seino*, Shigeru Kanemoto* *School of Computer Science and Engineering, University of Aizu (8) Examination of STAMP/STPA for health support system using ID card size sensor Ryousuke Kobayashi, Graduate School of Aichi Institute of Technology Nobuyuki Ito, Mitsubishi Electric Engineering Katsuhiro Naito*, Tadanori Mizuno*, Naoya Chujo* *Aichi Institute of Technology
	4:20 pm -5:50 pm	**General lecture session C (30 minutes each)** Chairperson: Keishi Okamoto (9) STPA for human-machine interaction system using two-wheel-pendulum Chiharu Sasaki, Software Software Reliability Enhancement Center (SEC), Information-technology Promotion Agency, Japan (IPA) (10) A Study of Applying STAMP/STPA to an Enterprise System Akira Mukaiyama, NEC (11) Trial which applied STAMP to software fault of embedded system different from control system Yutaka Hada,Quality Promotion Division Software Engineering Center, NEC Communication Systems, Ltd.
December 7, 2016	9:00 am -10:30 am	**General lecture session D (30 minutes each)** Chairperson: Takashi Kawano

		(12) STAMP / STPA analysis on functional specification of Level Crossing Control in the Station Logic Control Device
		Rihito Aman ,R&D Center of JR East Group Advanced Railway System Development Center
		(13) A proposal for "hint words" to identify hazard causal factors for systems including human
		Yukihiro Mihara, Software Reliability Enhancement Center (SEC), Information-technology Promotion Agency, Japan (IPA)
		(14) Quantitative assessment by means of STAMP and how to use STAMP in product development processes
		Tetsuya Takata ,Development Center Kyosan Electric Mfg.Co.,LTD.
	10:40 am -11:40 am	**General lecture session E (30 minutes each)** Chairperson: Shigeru Kanemoto (15) Extending STPA trial for identifying UCA Yuko Fukushima ,Technology Research & Innovation Nihon Unisys, Ltd. (16) Verification Using Model Checking Technique in STAMP/STPA Yoshitaka Aoki ,Technology Research & Innovation Nihon Unisys, Ltd.
	11:40 am -12:00 pm	Closing Moderator：Shigeru Kanemoto