JG-I4S5-2022

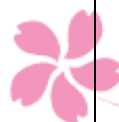## Japanese-German Symposium/Workshop to learn Industrie 4.0 and Society 5.0
February 15 -17, 2022 at Virutal Venue
--- Final Program ---

Sakura Science Exchange Program in 2021
Organized by OPU/HsH Organizing Committee

		Japanese time (JST)	German time (CET)	Presenter	Presentation Title	Session Chair
DAY-1 2022/2/15 Tuesday	SYMPOSIUM / Open to OPU/HsH	16:00 16:15	8:00 8:15	Teruaki ITO (OPU) Dieter STOLLE (HsH)	Welcome address, followed by academic overview of Okayama and Hannover	Jens HOFSCHULTE(HsH)
		16:15 16:40	8:15 8:40	Naoto IWAHASHI	Theory of Cooperation: Dynamical System Approach Unifying Driving, Physical Collaboration, and Dialogue	Prof.Katsumi SAKAKIBARA(OPU)
		16:40 17:05	8:40 9:05	Gurubaran RAVEENDRAN	Development of a monitoring system for assessing animal behavior over a fattening period PART 1	
		17:05 17:30	9:05 9:30	Takashi OOYAMA	Influence of speech shadowing on responses to visual sequential stimuli	
		17:30 17:55	9:30 9:55	Jonathan EBBINGER	Development of a monitoring system for assessing animal behavior over a fattening period PART 2	
		17:55 18:05	9:55 10:05		Short Break	
		18:05 18:30	10:05 10:30	Hiromi NISHIKAWA	Practical Architectural Interventions in Historical Townscapes -Conversion of vacant houses in Ashimori district of Okayama City-	Prof.Koji SUEOKA(OPU)
		18:30 18:55	10:30 10:55	Lukas PETERS	Improvement of Common Power Engineering Tasks with Black-box Optimization	
		18:55 19:20	10:55 11:20	Yusuke NODA	Quantitative Structure–Property Relationship Analysis of Perovskite-Type Dielectric Oxides by Machine Learning Regression	
		19:20 19:45	11:20 11:45	Sebastain TEBBJE	IT security for jointly used data of networked manufacturing processes in the sense of horizontal integration	
		19:45 20:00	11:45 12:00	Akira TSUMAYA(OPU)	Overview of Society 5.0 and Connected Industries ---PLENARY---	Teruaki ITO (OPU)
		Japanese time (JST)	German time (CET)	Presenter	Presentation Title	Session Chair
DAY-2 2022/2/16 Wednesday	SYMPOSIUM / Open to OPU/HsH	16:00 16:15	8:00 8:15	Günter Klawitter (HsH) Jens HOFSCHULTE(HsH)	Industry 4.0 from German point of view ---PLENARY--- Overview of Hannover University of Applied Sciences and Arts	Jens HOFSCHULTE(HsH)
		16:15 16:40	8:15 8:40	David WUTTKE	Implementation of a workflow using a Rest-API	Prof.Tomio WATANABE(OPU)
		16:40 17:05	8:40 9:05	Masanao KOEDA	Surgery Support System with VR Interface for Robot-Assisted Laparoscopic Partial Nephrectomy	
		17:05 17:30	9:05 9:30	Simon GIRNTH	"QC 4.0" in additive Manufacturing - Concept of digital part pre-qualification on the example of laser-based metal AM	
		17:30 17:55	9:30 9:55	Yutaka ISHII	Embodied virtual face-to-face communication system using self-referable avatar	
		17:55 18:05	9:55 10:05		Short Break	
		18:05 18:30	10:05 10:30	Julia BIETHAN	The importance of acceptance research in the context of Industry 4.0	Prof.Naoto HARUKI(OPU)
		18:30 18:55	10:30 10:55	Masaya SATO	Virtual Machine Monitor-based Hiding Method for File Access and Communication	
		18:55 19:20	10:55 11:20	Marvin auf der LANDWEHR	Simulation in the context of Industry 4.0 - An overview and use-case on material flow optimization	
		19:20 19:45	11:20 11:45	Hironori TAKIMOTO	Image Aesthetic Assessment using Deep Learning	
		19:45 20:00	11:45 12:00	HsH & OPU organizing Members	Closing Remarks from Organizing Members	Teruaki ITO(OPU)
		Japanese time (JST)	German time (CET)	Presenter	Activity	Session Chair
Day-3 2022/2/17 Thursday	WORKSHOP / Members only	16:00 16:30	8:00 8:30	HsH & OPU students	Introduction	Jens HOFSCHULTE(HsH)
		16:30 16:45	8:30 8:45		Group definition	
		16:45 17:45	8:45 9:45		Group work 1	
		17:45 18:00	9:45 10:00		Break	
		18:00 19:00	10:00 11:00		Group work 2	
	Open to OPU/HsH	19:00 19:50	11:00 11:50	HsH & OPU students	Marketplace presentation	Jens HOFSCHULTE(HsH)
		19:50 20:00	11:50 12:00	HsH & OPU organizing members	Closing Remarks from Organizing Members	Teruaki ITO(OPU) Jens HOFSCHULTE(HsH)

OPU/HsH Organizing Committee Members

Teruaki ITO (Okayama Prefectural University)
Akira TSUMAYA (Okayama Prefectural University)
Hioronori TAKIMOTO (Okayama Prefectural University)
Yutaka ISHII (Okayama Prefectural University)
Takashi OOYAMA (Okayama Prefectural University)
Jens HOFSCHULTE (Hochschule Hannover - University of Applied Sciences and Arts)
Dieter STOLLE (Hochschule Hannover - University of Applied Sciences and Arts)
Viola WEDEKIND (Hochschule Hannover - University of Applied Sciences and Arts)

SAKURA SCIENCE