

Call for Participation OHJG-2023

2nd OPU-HsH Japanese -German Symposium

- Industry 4.0 and Society 5.0 for Smart Society -

9:45 am - 16:10 pm, on Feb. 15, 2023, Room 8206 at OPU
Hybrid: Okayama Prefectural University in person and online
<https://www-mcs.c.oka-pu.ac.jp/ohjg2023/>



9:45- 9:55	Opening Welcome Message: /Prof. Teruaki ITO(Okayama Prefectural University) /Prof. Jens Hofschulte(Hanover University of Applied Sciences and Arts)
9:55- 10:00	Instruction for presenters: /Prof. Hironori TAKIMOTO (Okayama Prefectural University)
10:00-11:20	Session 1 : Chaired by Prof. Naoto HARUKI (Okayama Prefectural University)
101	Neural network-based classification of image feature points on endoscopic surgery video /Masanao KOEDA (Okayama Prefectural University)
102	Development of a monitoring system for assessing animal behavior over a fattening period /Gurubaran RAVEENDRAN & Johannes RADANT (Hanover University of Applied Sciences and Arts)
103	NIRS analysis on prefrontal cortex activity during rhythm action games /Fumiya CHIBA (Okayama Prefectural University)
104	Improvement of common power engineering tasks with black-box optimization /Lukas PETERS (Hanover University of Applied Sciences and Arts)
11:20-12:30	Lunch Break
12:30-13:00	Invited talk : Chaired by Prof. Teruaki ITO (Okayama Prefectural University)
201	Human-entrained embodied interaction and communication technology /Tomio WATANABE (Okayama Prefectural University)
13:00-13:10	Photo session
13:10-14:30	Session 2 : Chaired by Prof. Akira TSUMAYA (Okayama Prefectural University)
301	Conceptual framework for assessment of value-in-use /Yusuke TSUTSUI (Okayama Prefectural University)
302	Predictive maintenance for washing machines /Constantin MUND (Hanover University of Applied Sciences and Arts)
303	Development of an Embodied Avatar-Agent Dialogue System to Support Communication Education for Clinical Engineer Students /Shingo KATAOKA (Okayama Prefectural University)
304	Opportunities for using digital pens to improve higher education teaching /Patrick DETMER (Hanover University of Applied Sciences and Arts)
14:30-14:40	Short Break
14:40-16:00	Session 3 : Chaired by Prof. Katsumi SAKAKIBARA (Okayama Prefectural University)
401	Frequency analysis of Wi-Fi received signal strength using Lomb-Scargle periodogram /Koichiro SAKAGUCHI (Okayama Prefectural University)
402	Simulation of the electronic part of Mößbauer spectroscopy /Mohammad BEYKI (Hanover University of Applied Sciences and Arts)
403	First-principles calculations and their application to the field of semiconductor materials /Akira SADA (Okayama Prefectural University)
404	Simulation-based process optimization in the rubber industry - An exemplary use-case from a tire manufacturer /Marvin Martin AUF DER LANDWEHR & Christina SAND (Hanover University of Applied Sciences and Arts)
16:00-16:10	Closing message: /Prof. Teruaki ITO(Okayama Prefectural University) & Prof. Jens Hofschulte (Hanover University of Applied Sciences and Arts)

PROGRAM

For online participation, please register here <https://forms.gle/DEkjK2vFzjpp3tE77>