

# Call for Participation

## 4th OPU-HsH Japanese -German Symposium (OHJG-2025)

– An experiential learning program that merges cutting-edge technology with traditional craftsmanship –

Friday, 14 February, 2025

Venue: Okayama Prefectural University

PROGRAM	Time	Topic	Speaker	Room
	10:00-10:15	Opening Welcome Message: Chaired by Prof. Takashi OYAMA (Okayama Prefectural University)	/Prof. Yutaka ISHII (Okayama Prefectural University) /Prof. Franz KALLAGE (Hanover University of Applied Sciences and Arts)	Room 8105
	10:15-10:20	Group Photo Session: Chaired by Prof. Takashi OYAMA (Okayama Prefectural University)		
	10:30-12:00	VR session : Organized by Prof.Yutaka ISHII (Okayama Prefectural University)		
		Poster session : Organized by Prof. Franz KALLAGE (Hanover University of Applied Sciences and Arts)		
	101	VR Devices for Communication Enhancement via Virtual Characters	/Yutaka ISHII (Okayama Prefectural University) & Lab	
	102	Engineering a Tablet Filling System with CODESYS 3.5	/Jasper DEHMEL (Hanover University of Applied Sciences and Arts)	
	103	VR and Haptic Devices for Health and Medical Care	/Masanao KOEDA (Okayama Prefectural University) & Lab	
	104	CFD Based Simulation and Optimization of a Rotary Chamber Machine	/Christoph SCHMITT (Hanover University of Applied Sciences and Arts)	
	105	Motion capture experience using mocopi	/Shunsuke OTA (Okayama Prefectural University) & Lab	
	12:00-13:00	Lunch Break		
	13:00-13:10	Opening: Welcome Message & Sakura Science Club Certificate : Chaired by Prof. Teruaki ITO (Okayama Prefectural University)	/Prof. Akio GOFUKU (Okayama Prefectural University)	
	13:10-13:20	Group Photo Session: Chaired by Prof. Takashi OYAMA (Okayama Prefectural University)		
	13:20-14:20	Keynote Speech : Chaired by Prof. Teruaki ITO (Okayama Prefectural University)		
	201	Future Society by Integration of VR and AI Technologies	/Tetsuro OGI (Keio University)	
	14:20-14:30	Short Break		
	14:30-15:30	Session 2 : Chaired by Prof. Naoto HARUKI (Okayama Prefectural University)		
	301	A Storage Circuit Design for Suppressing Radiation-induced Errors in FD-SOI Processes	/Jun FURUTA (Okayama Prefectural University)	
	302	A Preliminary Study to Precise Far Localisation for Wireless Energy Transfer in Electric Vehicles	/Stephen Detlef HOELZEL (Hanover University of Applied Sciences and Arts)	
	303	Respirometer by a piezo device and its application to triage	/Tomoya YOSHIDA (Okayama Prefectural University)	
	15:30-15:40	Short Break		
	15:40-16:40	Session 3 : Chaired by Prof. Akira TSUMAYA (Okayama Prefectural University)		
	401	Using Deep Learning for Plant Root Point Detection in Agricultural Robotics	/Frank STOLLMEIER (Hanover University of Applied Sciences and Arts)	
	402	Bonding of CFRTP and SPCC Using Porous Plating and Evaluation of Strength by Single-Lap Shear Test	/Manato KANESAKI (Okayama Prefectural University)	
	403	AI Light Room Intelligent Lighting for Unconscious Patients in Anesthesia and Intensive Care	/Mike OTTO (Hanover University of Applied Sciences and Arts)	
	16:40-16:50	Closing Message: Chaired by Prof. Akira TSUMAYA (Okayama Prefectural University)	/Prof. Franz KALLAGE (Hanover University of Applied Sciences and Arts) /Prof. Teruaki ITO (Okayama Prefectural University)	

<https://www.ki.ss.oka-pu.ac.jp/ohjg2025/>



Host: Okayama Prefectural University (For contact, OHJG-2025@ad.oka-pu.ac.jp)

Organizer: Okayama Prefectural University, Japan / Hanover University of Applied Sciences and Arts, Germany

Sponsor: Sakura Science Program by Japan Science and Technology Agency (JST)