

# Call for Participation OHJG-2024

## 3rd OPU-HsH Japanese -German Symposium

### - Industry 4.0 and Society 5.0 for Smart Society -

10:30 am - 16:40 pm, on Feb. 16, 2024, Room 8206 at OPU  
 Venue: Okayama Prefectural University  
<https://www-mcs.c.oka-pu.ac.jp/ohjg2024/>



PROGRAM

<b>10:30-10:50</b>	Opening Welcome Message: Chaired by Prof. Hironori TAKIMOTO (Okayama Prefectural University) /Prof. Teruaki ITO(Okayama Prefectural University) /Prof. Jens Hofschulte(Hanover University of Applied Sciences and Arts)
<b>10:50-11:00</b>	Group Photo Session: Chaired by Prof. Hironori TAKIMOTO (Okayama Prefectural University)
<b>11:00-12:00</b>	Session 1 : Chaired by Prof. Akira TSUMAYA (Okayama Prefectural University)
101	Vibration Phenomena in Baby Carriers /Shinichito OTA (Okayama Prefectural University)
102	Development of Data Control, Evaluation and Display for a Microspectrometer Chip /Lorenz LORENZEN (Hanover University of Applied Sciences and Arts)
103	Development of a Finger Rehabilitation System Considering Motion Sense and Vision Based on Mirror Therapy /Shunsuke OTA (Okayama Prefectural University)
104	The Future Production Lab* for Enhanced Aluminum Die Casting /Marvin VOSS (Hanover University of Applied Sciences and Arts)
<b>12:00-13:00</b>	Lunch Break
<b>13:00-14:00</b>	Keynote Speech : Chaired by Prof. Teruaki ITO (Okayama Prefectural University)
201	Digital Triplet - Digital Transformation of Manufacturing Systems in a Japanese Way /Yasushi UMEDA (University of Tokyo)
<b>14:00-14:10</b>	Short Break
<b>14:10-15:10</b>	Session 2 : Chaired by Prof. Naoto HARUKI (Okayama Prefectural University)
301	A web meeting system using embodied entrainment agents as substitute for audiences /Yu NISHIYAMA (Okayama Prefectural University)
302	Modelling and Analysis of Autonomous Parking as a Study Module /Yannik KRAUTZ (Hanover University of Applied Sciences and Arts)
303	Development of a Simulator for Supply Chain Considering Advanced Demand Information System /Takaaki SAKAMOTO (Okayama Prefectural University)
304	Automatic Control and Trajectory Planning for Multicopters as a Study Module /Fabian BECKORD (Hanover University of Applied Sciences and Arts)
<b>15:10-15:20</b>	Short Break
<b>15:20-16:20</b>	Session 3 : Chaired by Prof. Akio GOFUKU (Okayama Prefectural University)
401	A Study on Low Kv 28-GHz Band VCO with Variable Inductor Using Switched Resistor /Naoto TAMURA (Okayama Prefectural University)
402	Graph Granularities for Attack Detection in Cyber-Physical Systems /Robin BUCHTA (Hanover University of Applied Sciences and Arts)
403	Genetic-Algorithm-Combined Density-Functional-Theory Calculations of Ge-Sn Binary Alloy /Yusuke NODA (Okayama Prefectural University)
404	Using NLP on Log Data to Represent the Behaviour of a Host as a Graph /Kilian DANGENDORF (Hanover University of Applied Sciences and Arts)
<b>16:20-16:30</b>	Closing Message: Chaired by Prof. Hironori TAKIMOTO (Okayama Prefectural University) /Prof. Teruaki ITO(Okayama Prefectural University) & Prof. Jens Hofschulte (Hanover University of Applied Sciences and Arts)
<b>16:30-16:40</b>	Award Ceremony & Photo: Chaired by Prof. Hironori TAKIMOTO (Okayama Prefectural University) /Prof. Teruaki ITO(Okayama Prefectural University) & Prof. Jens Hofschulte (Hanover University of Applied Sciences and Arts)

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Host: Okayama Prefectural University (For contact, OHJG-2024@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)