

# Symposium on Quantum Sciences - Osaka University & Universität Hamburg

## Dienstag, 8. März 2022

**Poster session: Introduction (18:20 - 18:30)**

**Poster session: 1 (18:40 - 20:00)**

time	[id] title	presenter
18:40	[1] Theory of dissipative EXAFS #1	BAI, Mei
18:46	[5] Hardware upgrade and GPU offloading at the High Level Trigger of the KOTO experiment #3	GONZALEZ, MARIO
18:52	[6] Study to Optimize a New Design of PET (Positron Emission Tomography) Detector Module #5	VAN HOANG VIET, NGUYEN
18:58	[2] Electron-Spin-Resonance in a proximity-coupled MoS <sub>2</sub> /Graphene van-der-Waals heterostructure #7	HARIHARA SHARMA, Chithra
19:04	[7] One neutron removal cross sections for the <sup>16</sup> N isomeric state #9	FUKUTOME, Miki
19:10	[8] Studying the high-momentum neutron in nuclei by <sup>16</sup> O(p,d) transfer reactions #11	WANG, Xuan
19:16	[3] Spin Wave Driven Skyrmions on a Micromagnetic Lattice – Numerical Simulations #13	LAU, Michael
19:22	[9] Development and Performance Evaluation of a Charged Particle Detector for the KOTO Experiment #15	SHIRAIISHI, Ryota
19:28	[10] Jet efficiency parametrization using GNN's for Higgs to charm-quark decay analysis in the LHC-ATLAS experiment #17	WICKREMASINGHE, Lakmin
19:34	[4] Nonequilibrium fluctuations in an open driven atom-cavity system #19	MIXA, Leon
19:40	[11] Basic experiment on halogen bonding of astatine #21	TOKOI, Katsuyuki
19:46	[12] Molecular Chemical Analysis of Glycan-Biomolecule Interactions Using Synthetic Glycan Displaying System #23	MIURA, Ayane
19:52	[26] A Study on Evaluation Method of Proton Pencil Beam Irradiation Position Accuracy Using Auto-Activated Image Information #25	KATO, Masaki

**Mittwoch, 9. März 2022****Poster session: 2 (18:20 - 19:50)**

time	[id] title	presenter
18:20	[17] Waveform discrimination of low-energy charged particles with Si detector (SAKRA) #2	SAKANASHI, Kosuke
18:26	[13] Solvation Dynamics at Femtosecond Timescale using X-Rays #4	NUREKEYEV, Zhangatay
18:32	[18] immunological evaluation of liposome-based breast cancer vaccine candidates incorporating peptide antigen and adjuvant #6	ITO, Keita
18:38	[19] Synthesis of symbiotic bacterial immunomodulators and application to $\alpha$ -emission radiotherapy #8	YAMAURA, Haruki
18:44	[14] Canceled #10	
18:50	[20] Development of At-211 Labeled Gold nanoparticles for Alpha therapy #12	XUHAO, Huang
18:56	[21] Development of a Beam Scanning System for At-211 Production #14	HANG, Zhao
19:02	[15] Kelvin probe force microscopy of semiconductor nanostructures #16	WEHRMEISTER, Moritz
19:08	[22] The intervention of artificial intelligence to improve treatment and diagnosis of metastatic bone tumor #18	DOI, Kentaro
19:14	[27] Canceled #20	ALSHAIKH, Ahmed
19:20	[16] Doping fingerprints of spin and lattice fluctuations in moiré superlattice systems #22	WITT, Niklas
19:26	[25] Measurements of nuclear radii #26	TAKAYAMA, Gen