

Ge-Ko R&D Network

Workshop on Perovskite Spintronics

Date

21.08.- 22.08.2023

Venue

Johannes Gutenberg
University Mainz, Germany

Program

Day 1

Time	Talks
12:30 ~ 13:30	Lunch
13:30 ~ 13:45	Welcome
13:45 ~ 14:15	<i>Doping Challenges in Metal-Halide Perovskites</i> Keehoon Kang (Seoul National Univ.)
14:30 ~ 15:00	<i>Noncollinear antiferromagnets with antiperovskite structure</i> Helen Gomonay (JGU Mainz)
15:15 ~ 15:45	<i>In-Situ Characterization of Perovskites</i> Frank Schreiber (Univ. of Tübingen)
16:00 ~ 16:30	Coffee Break
16:30 ~ 17:00	<i>Spin Dynamics in Hybrid Metal-Halide Perovskites</i> Felix Deschler (Univ. of Heidelberg)
17:15 ~ 17:45	<i>Toward Perovskite Orbitronics: Orbital Currents in Solids</i> Dongwook Go (FSZ Juelich)
19:00	Dinner at Baron

Program

Day 2

Time	Talks
09:00 ~ 09:30	<i>Structure-Property Relationships in Thienoacenes for Improved Transport Properties</i> Guillaume Schweicher (Université Libre de Bruxelles)
09:45 ~ 10:15	<i>Hybrid Molecule-Metal Interfaces</i> Angela Wittmann (JGU Mainz)
10:30 ~ 11:00	Coffee Break
11:00 ~ 11:30	<i>Density Functional Theory Studies of Two-Dimensional Halide Perovskites</i> Young-Kwang Jung (Univ. of Cambridge)
11:45 ~ 12:15	<i>Non-van der Waals (n-vdW) 2D Materials for spintronics</i> Aravind Puthirath Balan (JGU Mainz)
12:30 ~ 12:45	Closing Remarks
12:45	Lunch