

## Program

March 26 (Thu)

08:40-08:55 Registration

*Chair : K. Miyazaki*

08:55-09:00 Opening

09:00-10:00 **Rembert Duine (Utrecht University)**

Theory of interaction between spin current and magnetization dynamics in ferromagnets (Part 1)

10:00-11:00 **Kensuke Kobayashi (Osaka University)**

Fluctuations in Mesoscopic Systems (Part 1)

*11:00-11:20 Coffee*

11:20-12:20 Flash Talks (odd #)

12:20-14:20 Lunch & Poster (odd #)

*Chair : Y. Okamoto*

14:20-15:20 **David Landau (University of Georgia)**

Wang-Landau sampling at the interface between statistical physics and biophysics (Part 1)

15:20-16:00 **Hiroki Ikegami (RIKEN, Wako)**

Time-Reversal Symmetry Breaking and Intrinsic Magnus Force in Superfluid  $^3\text{He-A}$

*16:00-16:20 Coffee*

*Chair : K. Maki*

16:20-16:40 **Harukuni Ikeda (R-lab)**

Correlation lengths of amorphous materials

16:40-17:00 **Shingo Ito (TB-lab)**

Replica-Exchange Umbrella Sampling Simulation with DFTB for Synthesizing Four Phthalonitriles into One Phthalocyanine

17:00-17:20 **SiuKit Chan (J-lab)**

Recent crystallographic studies on archaeal light-driven proton pump

17:20-18:20 Flash Talks (even #)

18:30- Banquet

March 27 (Fri)

*Chair : H. Kohno*

09:00-10:00 **Rembert Duine (Utrecht University)**  
Theory of interaction between spin current and magnetization dynamics in ferromagnets (Part 2)

10:00-10:40 **Mikhail Kostylev (University of Western Australia)**  
Probing magnetic interface anisotropies with ferromagnetic resonance and spin waves

10:40-11:00 *Coffee*

*Chair : I. Terasaki*

11:00-12:00 **Kensuke Kobayashi (Osaka University)**  
Fluctuations in Mesoscopic Systems (Part 2)

12:00-12:40 **Chris Kay (University College London)**  
Applications of EPR Spectroscopy in Materials Science and Structural Biology

12:40-14:40 Lunch & Poster (even #)

*Chair : M. Uwaha*

14:40-15:40 **David Landau (University of Georgia)**  
Wang-Landau sampling at the interface between statistical physics and biophysics (Part 2)

15:40-16:20 **So Takei (University of California, Los Angeles)**  
Aspects of Dissipationless Spin Transport

16:20 Closing

- Lunch will be served in a buffet style for free. All participants are welcome.