



[MoPM1-04] Magnetic Materials 1

Date / Time Aug. 27 (Mon.), 2018 / 14:30-16:30

Place Samda A (Room C)

[MoPM1-04-K-1] (Keynote)

14:30-15:00

Exploring Spin Dynamics and the Novel Magnetostructural Phases of Layered *4d* and *5d* Materials

S. L. Cooper

University of Illinois, USA

[MoPM1-04-I-2] (Invited)

15:00-15:20

Probing Fractional Excitations With Raman

Kenneth S. Burch

Boston College, USA

[MoPM1-04-I-3] (Invited)

15:20-15:40

Raman Spectroscopy Study of Spin Wave in Hexagonal Manganite Single Crystal

Xiang-Bai Chen¹, Peng-Cheng Guo¹, Nguyen Thi Huyen², Seung Kim², In-Sang Yang³, Xueyun Wang³, and Sang-Wook Cheong³

¹Wuhan Institute of Technology, China, ²Ewha Womans University, Korea, ³Rutgers University, USA

[MoPM1-04-I-4] (Invited)

15:40-16:00

Raman Spectroscopy as a Probe of Fermionic Excitations in Kitaev Candidate Materials

K.-Y. Choi¹, A. Glamazda¹, Y.S. Choi¹, S.-H. Do¹, Kangwon Kim², Hyeonsik Cheong², D. Wulferding³, and P. Lemmens⁴

¹Chung-Ang University, Korea, ²Sogang University, Korea, ³Laboratory for Emerging Nanometrology, Germany, ⁴Institute for Condensed Matter Physics, Germany

[MoPM1-04-O-5]

16:00-16:15

Vibrational Properties of Self Organised Cobalt Nanoparticles and Core-shell Cobalt/Cobalt Oxide Nanoparticles

Guilhem Simon, Salvatore Costanzo, Philippe Colombari, and Isabelle Liseicki

Sorbonne Université, France