



[TuPM1-04] Topological and Quantum Materials

Date / Time Aug. 28 (Tue.), 2018 / 14:30-16:30

Place Samda A (Room C)

[TuPM1-04-K-1] (Keynote)

14:30-15:00

Electronic Raman Scattering in Quantum Materials and 2D Crystals

P. Massat¹, E. Riccardi, S. Chibani¹, D. Farina¹, I. Paul¹, J. Schmalian², O. Kashuba³, S. Karlsson⁴, P. Strobel⁴, P. Toulemeonde⁴, M.A. Méasson^{1,4}, M. Cazayous¹, A. Sacuto¹, S. Kasahara⁵, T. Shibauchi⁶, Y. Matsuda⁵, Y. Tanabe⁷, K. Tanigaki⁷ and Y. Gallai

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[TuPM1-04-O-2]

15:00-15:15

Raman-spectroscopic Fingerprints of Transport Anomalies in the Weyl Semimetal WP₂

Dirk Wulferding¹, Peter Lemmens¹, Chandra Shekhar², and Claudia Felser²

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[TuPM1-04-O-3]

15:15-15:30

MXene (Ti₃C₂) as a Sensor for Surface-Enhanced Raman Spectroscopy

Asia Sarycheva, Taron Makaryan, Kathleen Maleski, and Yury Gogotsi

Drexel University, USA

[TuPM1-04-O-4]

15:30-15:45

In Situ Raman Spectroscopy of 3D Core-Shell Current Collector for Lithium Ion Battery

Hao Yang, Muhammad-Sadeeq Balogun, Jian Chen, and Yexiang Tong

Sun Yat-Sen University, China