

### [ThAM-04] Magnetic Materials 2

Date / Time	Aug. 30 (Thu.), 2018 / 10:00-12:00
Place	Samda A (Room C)
Session Chair	Kwang-Yong Choi (Chung-Ang University, Korea)

#### [ThAM-04-I-1] (Invited)

10:00-10:20

#### Raman Scattering as a Spectroscopic Fingerprint of Unconventional Quantum States in Magnetic Solids

P. Lemmens<sup>1</sup>, D. Wulferding<sup>1</sup>, V. Gnezdilov<sup>1,2</sup>, V. Kurnosov<sup>2</sup>, Yu. G. Pashkevich<sup>2</sup>, A. K. Bera<sup>3</sup>, A. T. M. N. Islam<sup>3</sup>, and B. Lake<sup>3</sup>

<sup>1</sup>TU Braunschweig, Germany, <sup>2</sup>NASU, Ukraine, <sup>3</sup>Helmholtz-Zentrum Berlin, Germany

#### [ThAM-04-I-2] (Invited)

10:20-10:40

#### When High Magnetic Fields Meet Raman Spectroscopy: Examples and Lessons

Dmitry Smirnov

National High Magnetic Field Laboratory, USA

#### [ThAM-04-I-3] (Invited)

10:40-11:00

#### Magnetism, Nematicity, and Uctuations in FeSe

A. Baum<sup>1,2</sup>, H. N. Ruiz<sup>3,4</sup>, N. Lazarevic<sup>5</sup>, Yao Wang<sup>3,6</sup>, T. Bohm<sup>1,2</sup>, R. Hosseinian Ahangharnejhad<sup>1,2</sup>, P. Adelman<sup>7</sup>, T. Wolf<sup>7</sup>, Z. V. Popovic<sup>5,8</sup>, B. Moritz<sup>3</sup>, T. P. Devereaux<sup>3,4</sup>, and R. Hackl<sup>1</sup>

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#### [ThAM-04-O-4]

11:00-11:15

#### The Structural Phase Transitions in the Elpasolites with ReF<sub>6</sub> Octahedral Molecular Group

S. N. Krylova, A. S. Krylov, A. N. Vtyurin, and V. N. Voronov

Kirensky Institute of Physics FRC KSC SB RAS, Russia

#### [ThAM-04-O-5]

11:15-11:30

#### Degradation Study of Polylactic Acid

Willis Sin<sup>1</sup>, Ken Williams<sup>2</sup>, Olga Milikofu<sup>3</sup>, Mayumi Misawa<sup>3</sup>, Atsushi Kato<sup>4</sup>, Kenji Miyahara<sup>4</sup>, and Tim Batten<sup>2</sup>

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