

## センターからのお知らせ

### 2017 年度共同利用成果

#### <SQUID 磁化測定装置（青葉山）>

- Y. Hasegawa, T. Aoyama, K. Sasaki, Y. Ikemoto, T. Moriwaki, T. Shirakura, R. Saito, Y. Imai, and K. Ohgushi, *J. Phys. Soc. Jpn.* **86** (2017) 123709 .  
"Two-phonon absorption spectra in a layered honeycomb compound  $\alpha$ - $\text{RuCl}_3$ "
- Takuya Aoyama, Yoshinao Hasegawa, Shojiro Kimura, Tsuyoshi Kimura, and Kenya Ohgushi, *Phys. Rev. B* **95** (2017) 245104.  
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- M. Fujita, K.M. Suzuki, S. Asano, A. Koda, H. Okabe, and R. Kadono, “ $\mu$ SR Study of Magnetism in the As-Prepared and Non-Superconducting  $T^*$ - $\text{La}_{0.9}\text{Eu}_{0.9}\text{Sr}_{0.2}\text{CuO}_4$ ”, *JPS Conf. Proc.* **21** (2018) 011026.
- Ferromagnetic cluster glass behavior and large magnetocaloric effect in  $\text{Ho}_2\text{PtSi}_3$   
D. X. Li, Y. Homma, A. Nakamura, Y. Shimizu, F. Honda, T. Yamamura, D. Aoki  
*Solid State Communs.* **268** (2017) 1-6.
- Re-entrant Spin Glass Behavior and Large Magnetocaloric Effect in  $\text{Er}_2\text{PtSi}_3$   
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- Yoshifuru Mitsui, Keiichi Koyama, Makoto Ohtsuka, Rie Y. Umetsu, Ryosuke Kainuma, and Kazuo Watanabe, “High Field X-ray diffraction study for  $\text{Ni}_{46.4}\text{Mn}_{38.8}\text{In}_{12.8}\text{Co}_{2.0}$  metamagnetic shape memory film”, *Metals* **7** (2017) 364.
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- R. Kobayashi, Y. Mitsui, R.Y. Umetsu, K. Takahashi, M. Mizuguchi, and K. Koyama, “Effects of Annealing Temperature and Magnetic Field on the  $\varepsilon$ - $\tau$  Phase Transformation in Mn-Al Alloys”, *IEEE Magn. Lett.* **8** (2017) 1400704.
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< 走査 SQUID 顕微鏡 (片平) >

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