Dr. Atsushi Miyake wins Frontier Encouragement Award

Study of metamagnetic transition and superconductivity in uranium-based superconductors by developing a field-insensitive thermometer. Research associate Atsushi Miyake has received the Frontier Encouragement Award from the Japanese High Magnetic Field Forum. This award is given to young researchers at Japanese institutes who have made outstanding achievements in research related to high magnetic fields with new ideas and have contributed to the development of the science at high magnetic fields.

Details are shown in the ISSP News (Japanese)
http://www.issp.u-tokyo.ac.jp/maincontents/news2.html?pid=14516

Please check the following references for scientific details

1. A. Miyake *et al*. "Capacitive detection of magnetostriction, dielectric constant, and magneto-caloric effects in pulsed magnetic fields", Rev. Sci. Instrum. **91**, 105103/1-9 (2020).
2. A. Miyake *et al*. "Metamagnetic transition in heavy fermion superconductor UTe_2", J. Phys. Soc. Jpn. **88**, 063706/1-5 (2019).
3. A. Miyake *et al*., "Enhancement and discontinuity of effective mass through the first-order metamagnetic transition in UTe_2", J. Phys. Soc. Jpn. **90**, 103702/1-5 (2021).