

## Young Scientist Award of the Physical Society of Japan



Dr. Ishikawa in Kindo group received the Young Scientist Award of the Physical Society of Japan for his research on the “Development of novel phases of quantum magnets via ligand field control”. Thank you!

### **Papers on awarded research**

"One-Third Magnetization Plateau with a Preceding Novel Phase in Volborthite"

H. Ishikawa et al. *Physical Review Letters* 114, 227202 (2015).

"Ordering of hidden multipoles in spin-orbit entangled  $5d^1$  Ta chlorides"

H. Ishikawa et al. *Physical Review B* 100, 045142 (2019).

"SmI<sub>3</sub>:  $4f^5$  honeycomb magnet with spin-orbital entangled  $\Gamma_7$  Kramers doublet"

H. Ishikawa et al., *Physical Review Materials* 6, 064405 (2022).