

Single molecular spintronics: spin transport through a single molecule by means of spin-polarized STM

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一、研究領域簡介



Toyo Kazu Yamada received the first Ph. D. degree from Gakushuin University in 2004 and the second Ph. D. degree from Radboud University Nijmegen in 2005. In 2004, he was a Research Fellow of the Japan Society for the Promotion of Science (JSPS Research fellow PD), and from 2004 to 2008, he worked at Gakushuin University as Assistant Professor. From 2008 to 2010, he worked at Karlsruhe Institute of Technology as Alexander von Humboldt Research Fellow. From 2010, he got an Associate Professor position in Chiba University. In last 13 years, he has studied nanomagnets, single atoms, and single molecules by means of spin-polarized scanning tunneling microscopy and spectroscopy.

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