

Spintronics Workshop



Graduate Program
in Spintronics

TOHOKU
UNIVERSITY



Prof. Yoshichika Otani Institute for Solid State Physics, University of Tokyo

Keio University, Japan	Ph.D. in Physics	1989
Trinity College Dublin, Ireland	Research Fellow	1991
CNRS, France	Postdoctoral Researcher	1992
Keio University, Japan	Research Instructor	1993
Tohoku University, Japan	Associate Professor	1995
RIKEN ASI, Japan	Team Leader	2001
ISSP University of Tokyo, Japan	Professor	2004-present
RIKEN CEMS, Japan	Team Leader	2013-present

Research interests: Nanomagnetism, Spintronics, Spin and Orbital currents, Spin Hall effect, Edelstein effect, Magnon-phonon coupling.

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Prof. Bethanie Stadler

Department of Electrical and Computer Engineering, University of Minnesota

Case Western Reserve University, USA	B.S. in MSE (Materials Science & Engineering)	1990
MIT, USA	Ph.D. in MSE	1994
USAF Rome Laboratory, USA	Postdoctoral Researcher	1997
University of Minnesota, USA	Adjunct Assistant Professor	2001
	Assistant Professor	2006
	Associate Professor	2014
	Professor	2014-present
	Associate Head	2014-present

Research interests: Integrated optical materials for applications in optical isolators and modulators, Magnetic nanowires for applications in hard drives, RAM and cancer therapy

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Prof. Guoqiang Yu Institute of Physics, Chinese Academy of Sciences

Jilin University, China

B.S. in Physics

2007

Institute of Physics, CAS, China

Ph.D. in Physics

2012

UCLA, USA

Postdoctoral Researcher

2017

Institute of Physics, CAS, China

Professor

2017-present

Research interests: Magnetic thin film heterojunction materials, physical effects of spin-orbit coupling in devices, and their applications in magnetic storage and magnetic logic.