



SPIN SUMMIT 2018

XINGYI, GUIZHOU | 贵州兴义

Monday - August 13

07:00 - 14:06	Arrival and Register
14:06 - 15:12	Tea time
15:12 - 17:00	Poster session
17:00 - 19:00	Self-organized dinner
19:00 - 19:36	Spin Mechatronics: Mechanical generation of spin current Sadamichi Maekawa <i>RIKEN & University of Chinese Academy of Sciences</i>
19:36 - 20:12	Spin-Related Transport at Interfaces Ka Shen <i>Beijing Normal University</i>
20:12 - 20:20	Opening remarks

Tuesday - August 14

08:30 - 09:06	Magnons, phonons, and photons in yttrium iron garnet Gerrit Bauer <i>Tohoku University</i>
09:06 - 09:42	Nonlinear effect in a cavity magnonics system Jianqiang You <i>Zhejiang University</i>
09:42 - 10:18	Cavity Spintronics Can-Ming Hu <i>University of Manitoba</i>
10:18 - 10:48	Tea time
10:48 - 11:24	Skymions and Antiskyrmions in Antiferromagnets Oleg Tretiakov <i>Tohoku University</i>
11:24 - 12:00	Magnetic skyrmions Yan Zhou <i>The Chinese University of Hong Kong (Shenzhen)</i>
12:00 - 13:30	Buffet lunch
13:30 - 17:00	Informal discussions
17:00 - 19:00	Buffet dinner
19:00 - 19:36	Complex magnetic domain structures in oxides: physical origin and device application Jian Shen <i>Fudan University</i>
19:36 - 20:12	One minute Oral Introduction for Posters
20:12 - 21:00	Poster Session

Wednesday - August 15

08:30 - 09:06	Spin Orbit and Topological Spintronics Kang L. Wang <i>University of California, Los Angeles</i>
09:06 - 09:42	Topological surface states modulated magnetization dynamics in Bi₂Se₃/yttrium iron garnet heterostructures Shang-Fan Lee <i>Academia Sinica</i>
09:42 - 10:18	Nontrivial Nature and Penetration Depth of Topological Surface States in SmB₆ Thin Films Mingzhong Wu <i>Colorado State University</i>
10:18 - 10:48	Group photo & Tea time
10:48 - 11:24	Controlling Spin Polarization Direction in Spin Orbit Torques John Q. Xiao <i>University of Delaware</i>
11:24 - 12:00	Electrically tunable rectification magnetoresistance in Al/Ge and Co/CoO-ZnO/Co heterojunctions Shishen Yan <i>Shandong University</i>
12:00 - 13:30	Buffet lunch
13:30 - 14:06	Experimental signatures of spin superfluid ground state Wei Han <i>Peking University</i>
14:06 - 14:42	Switching of spin current in antiferromagnetic insulators Dazhi Hou <i>Tohoku University</i>
14:42 - 15:12	Tea time
15:12 - 17:00	Poster session
17:00 - 19:30	Banquet dinner

Thursday - August 16

08:30 - 09:06	Magnetization Dynamics in Ferrimagnets Kyung-Jin Lee <i>Korea University</i>
09:06 - 09:42	Thermoelectric properties of HfTe₅ II) sub-THz detection of magnetic resonance in antiferromagnets Jean-Ph. Ansermet <i>EPFL</i>
09:42 - 10:18	Spin transport in antiferromagnetic insulators Lorenzo Baldrati <i>Johannes Gutenberg University</i>

10:18 - 10:48	Tea time
10:48 - 11:24	Spin-Orbit Torque Switching in a Nearly Compensated Heusler Ferrimagnet Luqiao Liu <i>Massachusetts Institute of Technology</i>
11:24 - 12:00	Spin-orbit torque in antiferromagnets Cheng Song <i>Tsinghua University</i>
12:00 - 13:30	Buffet lunch
13:30 - 17:00	Informal discussions
17:00 - 19:00	Self-organized dinner
19:00 - 19:36	TBD Kai Chang <i>Institute of Semiconductors, CAS</i>
19:36 - 20:12	Berry phase effect in epitaxial MnAs films Hailong Wang <i>Institute of Semiconductors, CAS</i>
20:12 - 21:00	Poster Session

Friday - August 17

08:30 - 09:06	TBD Xiangrong Wang <i>Hong Kong University of Science and Technology</i>
09:06 - 09:42	Spin Wave Computing Weichao Yu <i>Fudan University</i>
09:42 - 10:18	Spin-wave amplification and lasing driven by inhomogeneous spin transfer torques Rembert Duine <i>Utrecht University</i>
10:18 - 10:48	Tea time
10:48 - 11:24	Fundamental circuit elements and nonvolatile memory based on the magnetoelectric effects Yang Sun <i>Institute of Physics, CAS</i>
11:24 - 12:00	Negative Capacitance Enhance Voltage Controlled Magnetic Anisotropy Effect and Its Application Lang Zeng <i>Beihang University</i>
12:00 - 13:30	Buffet lunch
13:30 - 17:00	Informal discussions
17:00 - 19:00	Self-organized dinner
19:00 - 19:36	TBD Simon Granville <i>Victoria University of Wellington</i>
19:36 - 20:12	TBD Guoqiang Yu <i>Institute of Physics, CAS</i>
20:12 - 20:20	Closing Remarks