



PRL

APS/JPS Joint Symposium celebrating the 60th anniversary of *Physical Review Letters*

Japanese Physical Society Autumn Meeting
at Doshisha University

September 11, 2018, from 13:30 to 17:15, room K201

Physical Review Letters is celebrating its 60th anniversary. Over the years, PRL has become truly global, and the Japanese physics community has contributed many noteworthy papers.

This special symposium celebrates PRL's 還暦 and pays tribute to papers published by Japanese physicists. The selected talks reflect the diversity and quality of the physics PRL publishes. We hope you will enjoy them and come celebrate with us!

Program:

- 13:30-13:35 Hugues Chaté** (Lead Editor, *Physical Review Letters*)
Opening address and aim of the symposium
- 13:35-14:00 Samindranath Mitra** (Editor, *Physical Review Letters*)
60 years of PRL: Looking back and forward
- 14:00-14:30 Akari Takayama** (Waseda University)
Exotic phenomena caused by spin-orbit coupling
- 14:30-15:00 Shinichiro Seki** (Center for Emergent Matter Science, RIKEN)
Magnetic skyrmions: Particles and strings
- 15:00-15:30 Sadamichi Maekawa** (Center for Emergent Matter Science, RIKEN)
Spin mechatronics: A. Einstein meets spintronics
- 15:30-15:45** Break
- 15:45-16:15 Kazumasa Takeuchi** (University of Tokyo)
The KPZ universality class: A glimpse of different physical problems from interface experiments
- 16:15-16:45 Hal Tasaki** (Gakushuin University)
Mathematical physics of quantum spin chains: Haldane phenomena, AKLT model, and topological phase transition
- 16:45-17:15 Yoshiro Takahashi** (Kyoto University)
Cold atoms quantum simulator