

Symposium SKM Dissertation-Prize 2019 (SYSD)

jointly organized by
the divisions of the Condensed Matter Section (SKM)

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The divisions belonging to the Condensed Matter Section (SKM) of the DPG award a Dissertation Prize in 2019 again. The prize acknowledges outstanding research during the PhD work in the research areas of SKM completed in 2017 or 2018, and its excellent oral presentation. Based on nominations a jury formed by the chairpersons of all SKM divisions has selected seven finalists for the award to present their work in this symposium. The winner will be selected after the symposium and publicly announced Tuesday, April 2nd, in the afternoon during the ceremonial session.

Overview of Invited Talks and Sessions

(Lecture hall H2)

Invited Talks

SYSD 1.1	Mon	9:30– 9:50	H2	Synchronization and Waves in Confined Complex Active Media — ●JAN FREDERIK TOTZ
SYSD 1.2	Mon	9:50–10:10	H2	Spin scattering of topologically protected electrons at defects — ●PHILIPP RÜSSMANN
SYSD 1.3	Mon	10:10–10:30	H2	Beyond the molecular movie: Revealing the microscopic processes behind photo-induced phase transitions — ●CHRIS W. NICHOLSON
SYSD 1.4	Mon	10:30–10:50	H2	Thermodynamic bounds on current fluctuations — ●PATRICK PIETZONKA
SYSD 1.5	Mon	10:50–11:10	H2	Lightwave-driven quasiparticle acceleration — ●FABIAN LANGER, CHRISTOPH P. SCHMID, STEFAN SCHLAUDERER, MARTIN GMITRA, JAROSLAV FABIAN, PHILIPP NAGLER, CHRISTIAN SCHÜLLER, TOBIAS KORN, PETER G. HAWKINS, JOHANNES T. STEINER, ULRICH HUTTNER, STEPHAN W. KOCH, MACKILLO KIRA, RUPERT HUBER
SYSD 1.6	Mon	11:10–11:30	H2	Ultrafast plasmon-driven point-projection electron microscopy — ●JAN VOGELSANG, GERMANN HERGERT, ANDREAS WÖSTE, PETRA GROSS, CHRISTOPH LIENAU
SYSD 1.7	Mon	11:30–11:50	H2	Helimagnets, sand patterns and fingerprints linked by topology — ●PEGGY SCHÖNHERR

Sessions

SYSD 1.1–1.7	Mon	9:30–11:50	H2	SKM Dissertation Prize
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