



Progress in Quantum Magnets and Quantum Spin Liquids

Guest Editors:

Prof. Dr. Kwangyong Choi

Department of Physics,
Sungkyunkwan University, Seoul
561-758, Korea

Dr. Panchanana Khuntia

Assistant Professor, Department
of Physics, Indian Institute of
Technology Madras, Chennai-
600036, India

Deadline for manuscript
submissions:

closed (10 April 2022)

Message from the Guest Editors

Dear Colleagues,

Quantum magnets play a central role in the pursuit of novel quantum states of matter. A particularly fascinating class of quantum magnets is quantum spin liquids (QSLs), which harbor long-range entangled ground states and fractionalized excitations. While an unambiguous identification of this long-sought-after state still remains elusive, we have in the last few decades witnessed telltale signatures of QSLs thanks to the discovery of new candidate materials as well as advances in experimental methods and numerical algorithms.

The goal of this Special Issue is to cover the recent developments, key challenges and future aspects in theory, material synthesis, experimental characterization and their mutual intersection in the field of QSLs. Accepted contributions will include original scientific and review articles of a theoretical and experimental nature.

