



## Magnetic Topological Insulators

Guest Editor:

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submissions:

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### Message from the Guest Editor

Dear Colleagues,

Topological insulators (TIs) are materials with insulating bulk states and robust conducting edge modes protected by time reversal symmetry, and offer opportunities for spintronics, non-Abelian quantum computing and energy-efficient electronic devices. This Special Issue aims to understand the QAHE in magnetic topological insulators, which will inspire more quantum devices based on this phenomenon. Emphasis is placed on the sample fabrication, magnetism, electronic band structure and transport properties of magnetic topological insulators. The electronic band structure is highly dependent on magnetic ordering in a magnetic TI, which suggests that the magnetic characterization via magnetometer, optical spectroscopy and neutron scattering are also very important to this Special Issue. We welcome the submission of original research articles, reviews and communications related to DFT calculation, crystal structure and magnetic structure study, as well as electronic properties.

Dr. Weiyao Zhao  
*Guest Editor*





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## Message from the Editor-in-Chief

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