

Physikalisches

Donnerstag

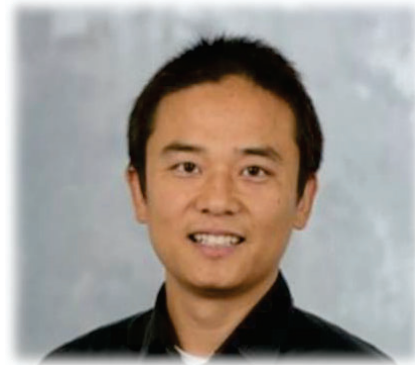
24. Juni 2021 17:15 Uhr

Online meeting

<https://uni-halle.webex.com/uni-halle/j.php?MTID=m9d1d964e098f9e3d427d48acc7a0c44e>

Prof. Binghai Yan

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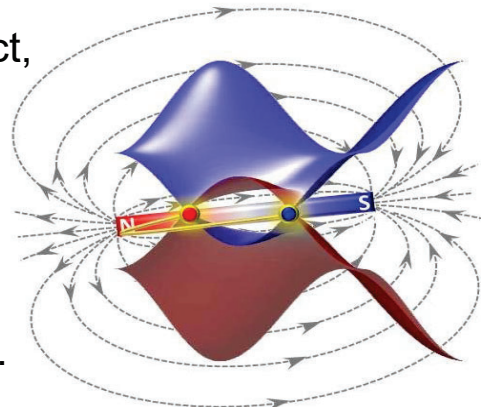


Kolloquium

Magnetic Topological Materials and New Inspirations

The concept of topology has reshaped our understanding of physics and materials over the past decades. In this talk, I will introduce magnetic topological materials (e.g., $\text{Mn}_3\text{Ge/Sn}$ and $\text{Co}_3\text{Sn}_2\text{S}_2$) that recently emerged in the frontier of topological physics. They inspired new insights into phenomena known before, such as the anomalous Hall effect, spin Hall effect and thermoelectricity.

The interplay between topology and magnetism provides a novel platform for electronic and spintronic applications.



Martin-Luther-Universität
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