

PHYSIKALISCHES KOLLOQUIUM

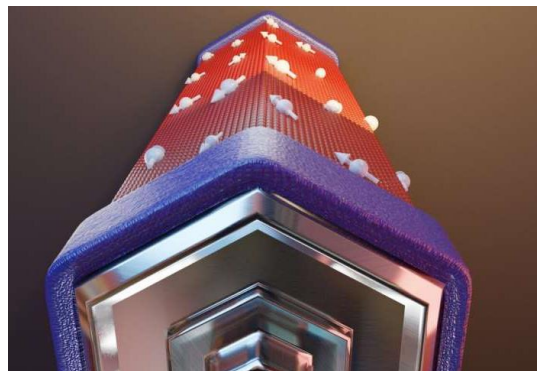
SOMMERSEMESTER 2023

Montag, 12.06.2023, 12 Uhr c.t.

INSIGHTS INTO THE UNDERLYING PHYSICS AND POSSIBLE APPLICATIONS OF SUPERCONDUCTING SPINTRONICS

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In recent years, condensed matter research has dedicated considerable attention to exploring materials and hybrid structures where superconductivity coexists with spin-dependent fields. This interaction leads to the emergence of unconventional superconducting states, which hold significant potential for applications in spintronics and quantum technologies, thereby defining the field of superconducting spintronics. This presentation provides insights into the underlying physics and possible applications within the field, highlighting the pioneering role of the Ruhr Universität Bochum in its early development.



Die Einführung erfolgt durch Ilya Eremin

Die Fakultät lädt alle Interessierten herzlich ein. Die Veranstaltung findet im Hörsaal HNB und hybrid via Zoom (Link online oder per QR-Code) statt.

