

Prof. Dr. Sergey Artyukhin

Italian Institute of Technology (IIT), Genua

Ferroelectric DM interactions and topological magnetoelectric switching

DM interactions give rise to topological spin textures, such as skyrmions. Recent efforts have sought to realize ferroelectric skyrmions. In the first part of the talk I will discuss a ferroelectric analogue of Dzyaloshinskii-Moriya interaction. In the second part I will discuss magnetoelectric switching process in GdMn₂O₅, where competing magnetic interactions give rise to topological switching phenomenon.

Thema: TRR 80 Seminar

Uhrzeit: 11.Mai.2021 01:00 PM Amsterdam, Berlin, Rom, Stockholm, Wien

Zoom-Meeting beitreten

<https://uni-augsburg.zoom.us/j/95953282932?pwd=VTdqUmdLRHRlc0VpM01qNHZNN0pUUT09>

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+496938079883,,95953282932#,,,,*596413# Deutschland

Einwahl nach aktuellem Standort

+49 30 5679 5800 Deutschland

+49 69 3807 9883 Deutschland

+49 695 050 2596 Deutschland

+49 69 7104 9922 Deutschland

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Über SIP beitreten

95953282932@zoomcrc.com

Über H.323 beitreten

162.255.37.11 (USA

Westen)

162.255.36.11 (USA

Osten)

213.19.144.110 (Amsterdam

Niederlande)

213.244.140.110 (Deutschland)

69.174.57.160 (Kanada Toronto)

65.39.152.160 (Kanada Vancouver)

207.226.132.110 (Japan Tokio)

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