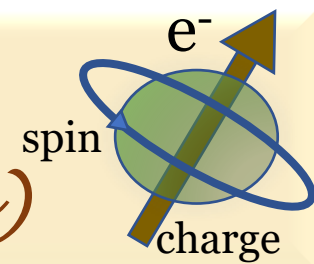




W2S Seminar

(Webinar series on Spintronics)



Stochastic dynamics of topological spin textures

94th W2S
webinar

Speaker:
Prof. Ulrich Nowak
University of Konstanz, Germany

Date and time:
16.06.2022 at
8.00 pm IST
i.e. 4.30 pm CET

Abstract

As they are small in size and easily movable by electric currents, skyrmions are promising candidates for next generation magnetic logic and memory devices. However, in order to be able to control their dynamics at elevated temperatures, one has to understand the interplay between skyrmions and thermally occupied magnons. In this talk, I give an introduction to the multi-scale modelling of thermally excited skyrmion dynamics, both in equilibrium and non-equilibrium conditions.

To attend the lecture please visit: **Passcode: 683415** Zoom link:
<https://us06web.zoom.us/j/87347748246?pwd=dSsrdzRsbDcyRkJKHlQXdyR3JoR29rQT09>

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