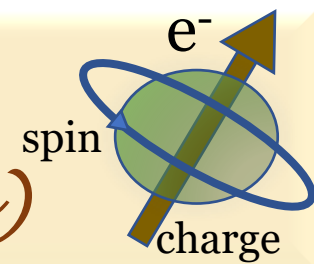




W2S Seminar

(Webinar series on Spintronics)



Chiral Magnetic Skyrmions for Skyrmionics

Speaker:

Prof. Dr. Stefan Blügel

Forschungszentrum Jülich GmbH

Germany

Date and time:

22.07.2021 at

3.00 pm IST

i.e. 11.30 am CET

Abstract

Skyrmionics is a very exciting, timely and multidisciplinary field where mathematicians, theoretical and computational physicists meet with experts on film and multilayer growth, on high-resolution magnetization and electronic structure characterization, transport and dynamics, and on device concepts and devices in order to integrate the skyrmions into the field of spintronics. I will introduce the core object of the field the chiral magnetic skyrmion, the primary interactions that are responsible for its existence and give an elementary overview about this field.

To attend the lecture please visit

Zoom link: <https://us06web.zoom.us/j/97111370544>

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For more information on W2S seminars please visit : <https://www.niser.ac.in/w2s-seminar/>