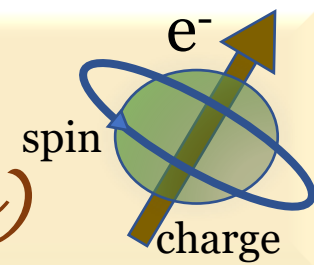




W2S Seminar

(Webinar series on Spintronics)



Visualizing Spin Currents with X-ray Microscopy



Speaker:

Prof. Hendrik Ohldag

Advanced Light Source, Lawrence
Berkeley National Laboratory, US

Date and time:

29.07.2021 at
8.00 pm IST
i.e. 4.30 pm CET

Abstract

Pure spin currents and electrical currents with a net magnetic spin moment are fascinating from a fundamental as well as applied perspective. Their effects on the magnetization of a so called free layer in a device have been studied intensively using transport and other macroscopic tools. From a fundamental point of view it is also often interesting to “see” the currents directly on a microscopic scale. Soft x-ray microscopy is an excellent tool for this purpose and in my talk I will give several examples of how to use this tool to learn more about spin transport on the nanoscale using direct observations.

To attend the lecture please visit

Zoom link: <https://us06web.zoom.us/j/93668161290>

Contact: Dr. Subhankar Bedanta (Convenor W2S)

Email: w2s-spintronics@niser.ac.in

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