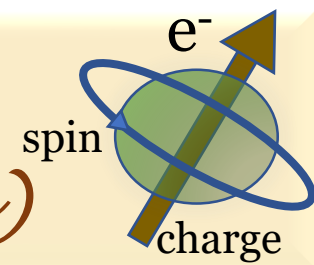




W2S Seminar

(Webinar series on Spintronics)



Nonlocal magnon transport in YIG: Devices and challenges

Speaker:

Dr. O. Alves Santos

Zernike Institute for Advanced Materials,
University of Groningen, Netherlands

Date and time:

31.03.2022 at

8.00 pm IST

i.e. 4.30 pm CET

Abstract

Since the first observation of long distance transport of magnon spin information in YIG back to 2015, new possibilities to study magnonics were open. More recently, we have expanded these experiments in our group towards more realistic devices such as magnon transistors, at the same time that other effects such as magnetic gating effect were possible to be observed. Besides all the achievements obtained in this area, some challenges are still open, such as the very recent observation of a giant magnon conductivity in ultrathin YIG films.

To attend the lecture please visit: **Passcode: 809647** Zoom link:
<https://us06web.zoom.us/j/84098907468?pwd=bVJQazZUcDVyY2hLK0xxWGZiWkNrQT09>

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