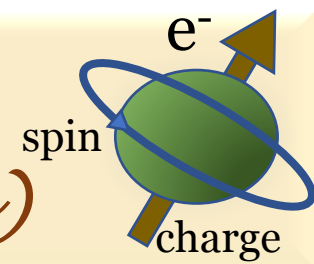




W2S Seminar

(Webinar series on Spintronics)



2D magnets: from fundamental to spintronic devices



Speaker:

Prof. Albert FERT

Université Paris-Saclay and UMPPhy

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Date and time:

03.06.2021 at

5.00 pm IST

i.e. 1.30 pm CET

Abstract

The advent of graphene fifteen years ago kicked off an active research of other 2D materials and the list of interesting 2D materials, nonmagnetic or magnetic, metals, semiconductors or insulators, increased considerably during the recent years. The focus of my talk is on 2D magnets. I will review their physical properties (influence of proximity effects and electric fields, spin-orbit effects, chiral interactions, multiferroic properties) and present their potential for applications in spintronics (provided that their ordering temperature can be enhanced).

To attend the lecture please visit

Zoom link: <https://zoom.us/j/97748037640>

YouTube Link: https://youtu.be/vXXQI6u6C_E

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