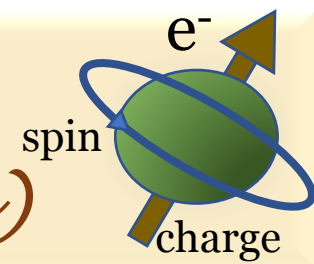




W2S Seminar

(Webinar series on Spintronics)



Non-collinear 3D textures in magnetic multilayers: from hybrid chiral textures to skyrmionic cocoons



Speaker: Prof. Vincent Cros
Unité Mixte de Physique CNRS, Thales,
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Date and time:
**02.12.2021 at
3.00 pm IST
i.e. 11.30 am CET**

Abstract

Non collinear spin textures stabilized by interfacial chiral interaction in multilayers have concentrated a lot of research in the last decade both for fundamental interest as well as potential novel spintronic applications. In this talk, I aim to present some recent results on the stabilization, the detection and the motion of ferromagnetic or antiferromagnetic skyrmions. Then I will also introduce some our more recent works in which we engineer and explore more complex three-dimensional textures in multilayers including hybrid chiral skyrmions and a novel texture that we call skyrmionic cocoons...

To attend the lecture please visit: **Passcode: xqTX7w** Zoom link:
<https://us06web.zoom.us/j/83376214077?pwd=MVY3S3R2dExVcFlxdlRrWUIWaUVQZz09>

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