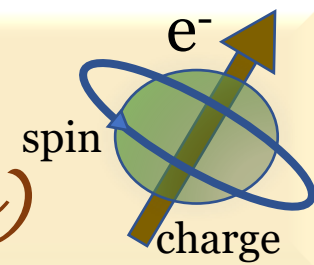




W2S Seminar

(Webinar series on Spintronics)



Materials with designed Exchange Coupling Profiles

Speaker:

Prof. Andreas Berger

CIC nanoGUNE BRTA

Donostia - San Sebastian, Spain

Date and time:

27.01.2022 at

8.00 pm IST

i.e. 3.30 pm CET

Abstract

While the concept of magnetic materials with graded materials properties has been pursued for many years, we recently succeeded to demonstrate in a series of works that it is possible to control strongly non-uniform magnetization states in materials, in which the elemental composition and thus the exchange interaction strength is modified on the nm-scale. Highly versatile temperature and field dependent magnetic properties can be achieved via this magnetic state control, a fact that should have very substantial application potential for a wide array of technologies.

To attend the lecture please visit: **Passcode: 162322** Zoom link:
<https://us06web.zoom.us/j/82740847452?pwd=ZEdGOXZWYldpcXVqUTdYa1pabTI3UT09>

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