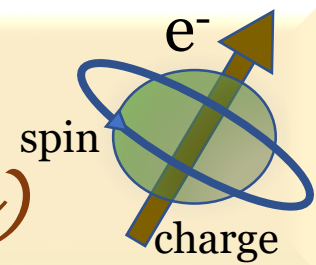




# W2S Seminar

(Webinar series on Spintronics)



## Domain structure in antiferromagnetic thin films



Speaker:

Prof. Angela Wittmann

Johannes Gutenberg University Mainz,

Germany

Date and time:

24.03.2022 at

8.00 pm IST

i.e. 3.30 pm CET

### Abstract

Antiferromagnets are at the forefront of research in spintronics and demonstrate high potential for revolutionizing memory technologies. For this, understanding the formation and driving mechanisms of the domain structure is paramount. The focus of this talk will be on the dominant role of substrate clamping on the anisotropy and the domain structure in the thin-film canted antiferromagnet  $\alpha\text{-Fe}_2\text{O}_3$ . The insights gained from our work serve as a foundation for further studies of electrical and optical manipulation of the domain structure of antiferromagnetic thin films.

To attend the lecture please visit: **Passcode: 324770** Zoom link:  
<https://us06web.zoom.us/j/86219112602?pwd=TUNrbytnZzVtaEJQU3lGVjI4bzZkdz09>

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