

## **Surface and interfacial magnetism studied by synchrotron based techniques**

Krishnakumar S. R. Menon

Surface Physics and Material Science  
Saha Institute of Nuclear Physics

Knowledge of magnetism at surfaces and interfaces is crucial for their technological applications in key areas such as data storage and spintronic devices. Some of the unique properties of the synchrotron radiation allow us to access this magnetic information in a spatially resolved manner. In this talk, I will present some of the methods by which we can study the surface/interfacial magnetism with help of some examples.