

## **Friday Materials Science Colloquia #14**

Friday, February 28th 2025, 12 p.m.  
Seminar room, U5 Building – via Roberto Cozzi 55, Milano

Lecturer: **Prof. Silvia Picozzi**

### **Magnetism, ferroelectricity and their interplay: modelling materials and understanding phenomena**

In this talk, I will focus on my “research journey”, i.e. I will introduce my competences (mostly within density functional theory) and fields of interests (mostly within functional materials showing phase transitions).

I will show a few highlights of my research activity, ranging from charge to spin to dipolar order in multiferroic materials, from Rashba effects in ferroelectrics to complex spin textures in 2D magnets.

The aim of this informal seminar is to start new collaborations or simply to stimulate discussion and interests in these fields of materials science.