

# **Electronic structure and coherent states of spin defects in solids**

**Giulia Galli**

*University of Chicago & Argonne National Laboratory*

In this talk, I will describe theoretical and computational strategies based on quantum mechanical calculations, aimed at predicting the electronic structure and coherent states of spin defects in two- and three-dimensional semiconductors and insulators. I will present results obtained on both classical and near-term quantum computers.