

# Plenary: Database-driven discovery and first-principles characterization of novel materials

*Wednesday 30 October 2019 11:00 (1 hour)*

Database-driven discovery and first-principles characterization of novel materials

Nicola Marzari has a « Laurea » degree in Physics from the University of Trieste (1992), and a PhD in physics from the University of Cambridge (1996). He moved to the US as an NSF postdoctoral fellow (Rutgers University, 1996-98), and then as a research scientist first at the Naval Research Laboratory (1998-99) and Princeton University (1999-01). In 2001, he was named assistant professor in computational material science at the Massachusetts Institute of Technology, where he was promoted to associate professor in 2005, and named Toyota Chair of Materials Engineering in 2009. After 10 years at MIT, Nicola Marzari joined the University of Oxford, as its first Statutory (University) Professor of Materials Modelling, and as Director of the Materials Modeling Laboratory. He moved to EPFL in 2011, where he holds the Chair of Theory and Simulation of Materials, and where he directs the Swiss National Centre on Computational Design and Discovery of Novel Materials NCCR MARVEL.

## Position

**Presenter:** Prof. MARZARI, Nicola