

**Location: School of Physical Sciences Room N115**

**When: 1oc Friday 18th November**

**Speaker: Prof. Federico Corni** *Faculty of Education, Free University of Bozen-Bolzano, Italy*

**Title:** The Role of Metaphors in Teacher Education in Physics”

*“Metaphor is primarily conceptual, and secondarily linguistic, gestural, and visual.” (George Lakoff, 2014).*

**Abstract:** Thought is figurative and imaginative in an important way, and this applies to scientific thought as well. Conceptual metaphor is one of the fundamental tools of our embodied figurative mind. It is important to realize that using metaphors is not a means of avoiding formal scientific thought so a student or a layperson would understand what a scientist is talking about. Rather, conceptual metaphor creates the foundation for proper formal thought. If science teachers are aware of the function of conceptual metaphor and are able to use it confidently, they can take advantage of the power of this cognitive tool, which is within anyone's reach. In this talk, I will introduce some hints about the theory of conceptual metaphor and show some examples of its relevance in teacher education in physics.