

**Title: "Quantum poetics: Where art meets science"**

**Abstract:** The talk explores the connection between poetry and physics, with "Quantum Poetics," a field articulated by Amy Catanzano, as its central tenet. We will begin by discussing the conceptual foundations shared by quantum physics and poetry. Then, we will move on to the notion of antipoems, a term coined by Nicanor Parra—a great Chilean poet and physicist himself—drawing from the concept of matter and antimatter in physics. The talk will then explore quantum poetics by Amy Catanzano, which proposes a radical synthesis between literature and physics. Challenging the traditional dichotomy between the arts and sciences, quantum poetics advocates for treating literary arts as physics and physics as an art form. Finally, we will go through Catanzano's recent work, "World Lines: A Supercomputer Poem," and see how quantum concepts can be woven into the very structural fabric of a poem, giving it a life of its own and opening new dimensions of artistic expression.