TITLE: HIGH-ENERGY PHYSICS: A VERY BRIEF PRIMER

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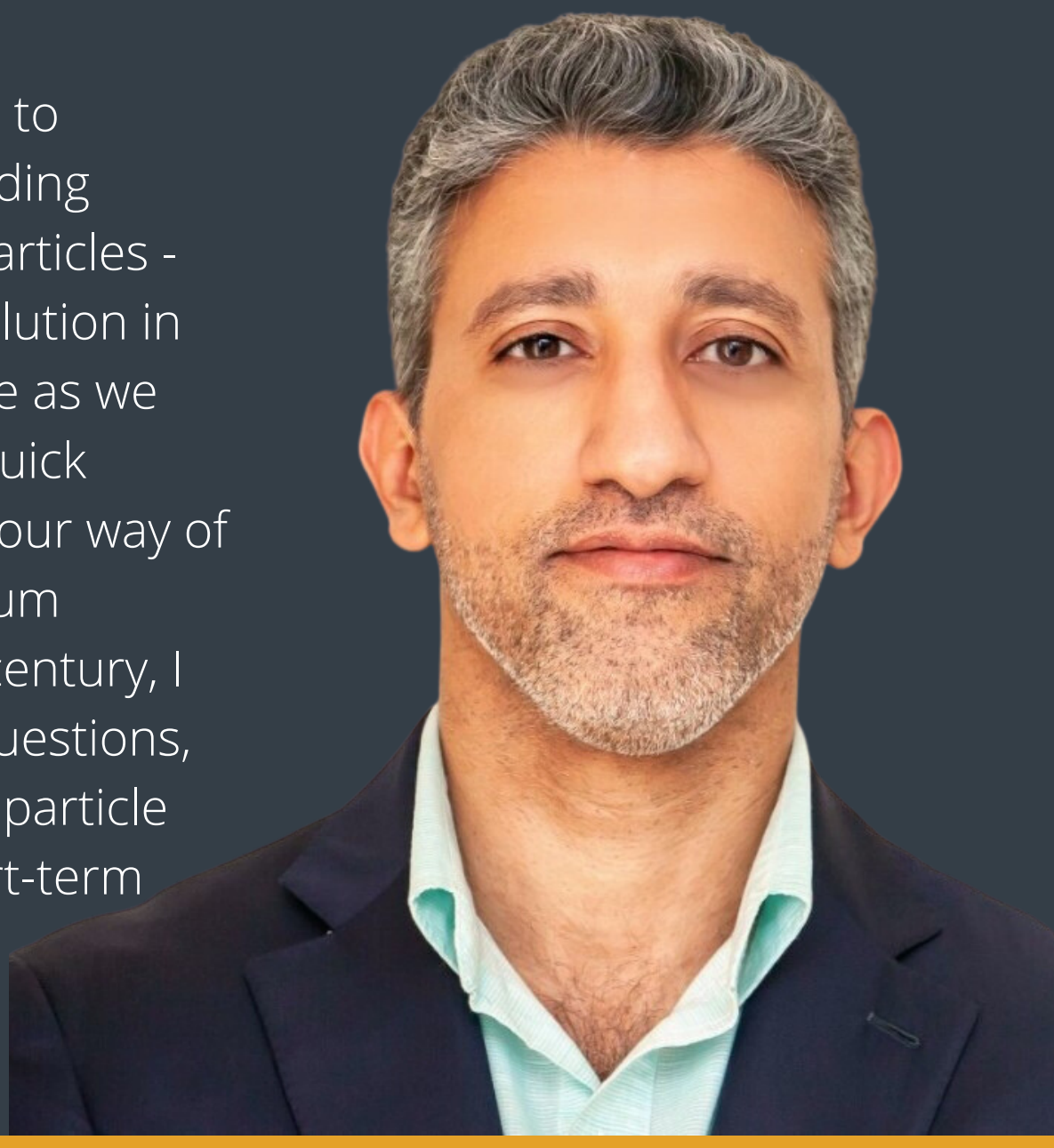
Date: Thursday., October 12
Time: 4:00 PM
Location: RNS 210



Modern high energy physics aims to understand the fundamental building blocks of nature - the quantum particles - and how their properties and evolution in time have resulted in the Universe as we observe it today. Starting with a quick overview of the paradigm shift in our way of thinking that the advent of quantum physics caused in the early 20th century, I will discuss the most important questions, tools, and methods in the field of particle physics, as well as its biggest short-term goals and challenges.

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