

Recent advances in string theory

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Abstract (brief):

In this talk, we will broadly review some of the key modern aspects of string theory. In particular, we will focus on how these advances are being made in synergy with other branches of theoretical physics.

Short Biography: I have been a faculty member at the Theory Division of SINP since 2013. Before that I was a Simons (Postdoctoral) Fellow at the Weinberg Theory Group, The University of Texas, Austin (USA). I obtained my PhD from The University of Southern California (Los Angeles, USA) in 2010. I am currently also a regular associate at the ICTP (Italy) and an Alexander von Humboldt Fellow (Germany). In the past, I have held long-term visiting positions at The University of California Santa Barbara, Center for Theoretical Physics at MIT and at The University of Barcelona.