ICTS String Seminar

Title	:	Precision microstate counting of AdS black hole entropy
Speaker	:	Leopoldo Zayas, (University of Michigan)
Date	:	Wednesday, May 27, 2020
Time		04:00 pm

Abstract	:	I will describe how within eleven dimensional supergravity one can compute the logarithmic correction to the Bekenstein-Hawking entropy of certain magnetically charged asymptotically AdS$_4$ black holes with arbitrary horizon topology. The result perfectly agrees with the dual field theory computation of the topologically twisted index in ABJM theory and in certain theories obtained from M5 wrapping a hyperbolic 3-manifold. The extension to rotating, electrically charged AdS$_4$ black holes and the dual superconformal index will also be discussed.

ICTS virtual seminar	:	Please register at https://docs.google.com/forms/d/e/1FAIpQLSf0jLgoqiOgDnxbEBGiuIWiOmh9WX8caH-pr13qDBZOO91lmg/viewform
		(Links to join the seminars will be sent to your registered email address)

Recordings of past talks can be found here:
https://www.youtube.com/channel/UCw9LdPQ5t7Q7muD0qzn70TA