ICTP | International Centre for Theoretical Physics
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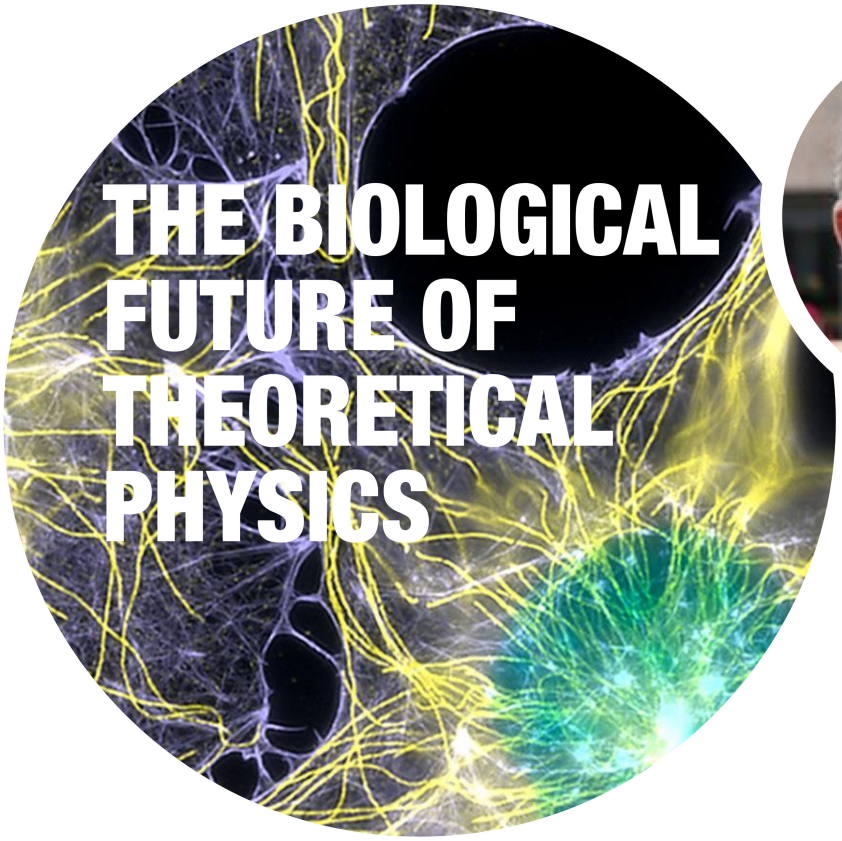
ICTP-SAIFR DISTINGUISHED PUBLIC LECTURE



CURTIS CALLAN
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The very success of theoretical physics in elucidating the structure of matter at the smallest scales, and of the universe at the largest scales, has made the future course of this discipline uncertain. At the same time, the new ability of biological experiment to produce massive data is creating an urgent need for mathematical frameworks in biology of the kind theoretical physics has traditionally provided for physical science. These overlapping "crises" offer a golden opportunity for both disciplines to collaborate. I will expand on this theme, and sketch some specific examples of how theoretical physicists are taking up this challenge. There is no registration fee. Space is limited and priority will be given to undergraduate and graduate students in physics.

January 23, 2019
Wednesday, 2 pm
IFT-UNESP Auditorium
R. Dr. Bento Teobaldo Ferraz, 271 - bl. 2
4th floor - Barra Funda

Registration deadline:
January 21, 2019
outreach.ictp-saifr.org/pl-curtis-callan/