

Friday
May 21, 2021
15:00 (GTM)

Computational and Quantitative Biology Lecture Series

The seminar will be held on line using TEAMS. Please register <https://bit.ly/3eYiiQ6>
You will receive an invite with the link to the seminar.

The pandemic playbook, a physicist take

The COVID-19 pandemic is raging across the world with an immense toll in terms of human lives and devastating economic impact. I will show how to use powerful theoretical physics methods stemming from the description of fundamental phenomena such as Higgs physics with applications even to string theory to unveil the pandemic dynamics and timing.

The temporal playbook of the pandemic can be used by governments, financial markets, the industries and individual citizens, to efficiently time, prepare and implement local and global measures. I will also show that by marrying big data, genetics and theoretical there are possibilities for giant leaps forward in our understanding of infectious diseases

Francesco Sannino is Professor in Theoretical Physics at the Department of Physics at Federico II University, he is also chair of theoretical physics at the Scuola Superiore Meridionale, while holding a dual position as Founder and Director of the Centre for Cosmology and Particle Physics Phenomenology (CP³-Origins) as well as Founders and chair in theoretical physics of the Danish Institute for Advanced Study at the University of Southern Denmark.

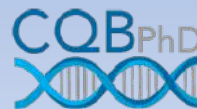


Francesco Sannino
Professor in Theoretical Physics at
the Department of Physics at
Federico II University

With the contribution of:



Hosted by:



UNIVERSITÀ DEGLI STUDI
DI NAPOLI FEDERICO II