



The Abdus Salam
International Centre
for Theoretical Physics



Hands-On Quantitative Biology School

AN ICTP 60TH ANNIVERSARY SATELLITE EVENT

Description:

This school is to expose students to quantitative and interdisciplinary approaches in biology, with a combination of theoretical lectures and experiments.

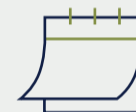
The integration of physical, mathematical, and life sciences has proven to be a very successful avenue for deepening our understanding of biological systems. These interdisciplinary approaches provide great opportunities benefiting all the disciplines involved.

The school will have a hands-on format: the students, divided in groups, will be introduced to a particular biological problem, which will be formalized and analyzed by using and formulating mathematical theory.

The students will then perform experiments to quantitatively test the quantitative predictions.

SPEAKERS:

R. ALONSO University of Havana, Cuba
E. ALTSHULER, University of Havana, Cuba
M. COSENTINO LAGOMARSINO, IFOM, Italy
J. GRILLI, ICTP, Italy
G. MICALI, Humanitas, Italy
R. MULET, University of Havana, Cuba
A. PETROFF, Clark University, USA
W. SHOEMAKER, ICTP, Italy
G. TALLARICO, IFOM, Italy
L.F. TOLEDO, Unicamp, Brazil



4 - 15 November 2024



Havana, Cuba



**Deadline:
31 July 2024**

DIRECTORS:

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FURTHER INFORMATION:

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Female scientists are encouraged to apply.



GRANTS:

A limited number of grants are available to support the attendance of selected participants, with priority given to participants from developing countries. There is no registration fee.

