



ICTP | International Centre for Theoretical Physics
SAIFR | South American Institute for Fundamental Research

Campus of IFT-UNESP – São Paulo, Brazil



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March 10 – 21, 2025

**SCHOOL ON THE
 ORIGINS OF LIFE,
 BEHAVIOR AND
 COGNITION**

School on Origins is an interdisciplinary school that tackles the foundational questions concerning the origins of biophysical systems which include but are not limited to : molecular, cellular, neural and behavioral systems. We aim to find principles shared across systems using tools from statistical physics, mathematical analysis and numerical simulations to explore these questions. We have invited researchers that work both on the experimental and theoretical side to cover a variety of biophysical systems and theoretical approaches. The school is aimed at graduate students either at the master's or PhD level who have a strong quantitative background and a keen interest to pursue interdisciplinary research.

We invite students pursuing degrees in physics, computer science, engineering, or mathematics. Those pursuing degrees in biology need to provide evidence of strong and extensive quantitative background in topics such as calculus, dynamical systems and numerical programming.

There is no registration fee and limited funds are available for travel and local expenses.

Application deadline: January 5, 2025

Online application and more information:

ictp-saifr.org/solbc2025



ORGANIZERS

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