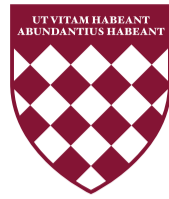




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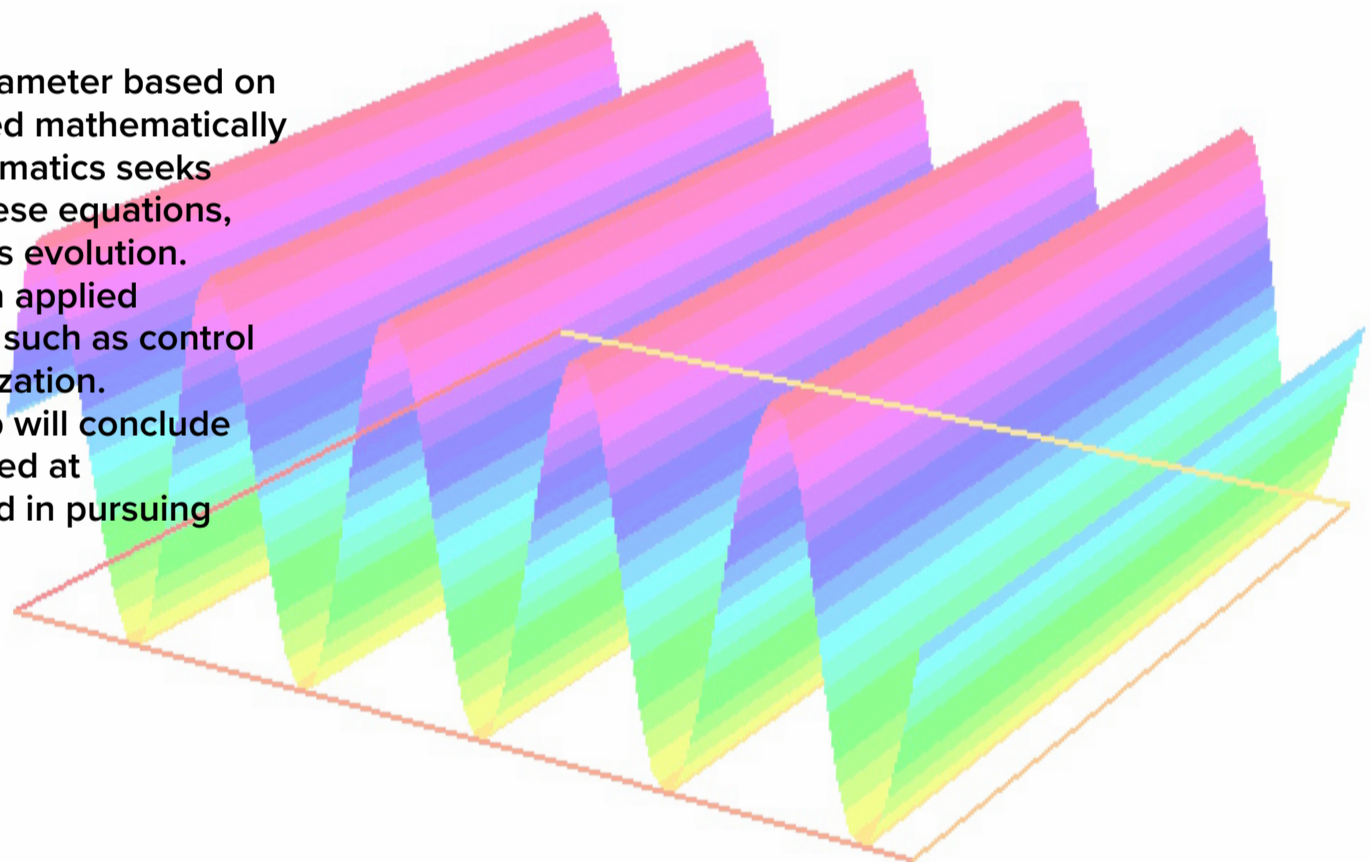
AMERICAN
UNIVERSITY OF BEIRUT
FACULTY OF ARTS & SCIENCES
Department of Mathematics



CAMS WORKSHOP ON INVERSE PROBLEMS AND COMPUTATIONAL MATHEMATICS

Inverse problems aim at identifying a model parameter based on collected data. These models are often described mathematically by a differential equation. Computational mathematics seeks to design and implement algorithms to study these equations, understand the underlying model, and predict its evolution. The meeting aims to present various research in applied mathematics related to different scientific fields such as control theory, imaging, data science, and shape optimization. Besides the scientific talks, the hybrid workshop will conclude with a discussion session with our panelists aimed at undergraduate and graduate students interested in pursuing their PhD in applied mathematics.

WEDNESDAY, JUNE 5, 2024



Time Evolution Graph, S. Moufawad, 2024

SPEAKERS

Toufic El Arwadi, Beirut Arab University, Lebanon
Hagop Karakazian, American University of Beirut, Lebanon
Mirza Karamehmedovic, Technical University of Denmark, Denmark
Omar Lakkis, University of Sussex, United Kingdom
Sophie Moufawad, American University of Beirut, Lebanon
Ahmad Sabra, American University of Beirut, Lebanon
Fauzi Triki, Grenoble Alpes University, France
Ali Wehbi, Lebanese University, Lebanon