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Graduated in Engineering in 2012 and with a master's degree in the same discipline in 2023. He has experience as a developer in large enterprises and is currently pursuing a PhD at BIFI. His previous research focused on aware-disease coupled spreading. Over time, he has integrated this research with evolutionary game theory. He now combines epidemiological and demographic data to construct networks and matrices to analyze disease transmission dynamics.



Researcher profile

Researches on coupled information-disease propagation in multilayer networks, focusing on the dynamic interactions between epidemic propagation and behavioral changes. He also integrated his work with evolutionary game theory to explore disease transmission patterns. Currently, he combines epidemiological and demographic data to build complex networks and matrices to understand the dynamics of disease spread. This interdisciplinary approach addresses the challenges of epidemic modeling and public health.

Importance of his research

His research contributes to understanding disease transmission by integrating network science, evolutionary game theory and demographic data. His work offers valuable insights for designing effective public health interventions and modeling how human behavior and disease spread co-evolve. This research is crucial for predicting outbreak patterns and assessing the impact of preventive measures, especially in misinformation scenarios. The results will help societies better prepare for and respond to infectious disease outbreaks.

