

**MSCA MARIE SKŁODOWSKA-CURIE ACTIONS (MSCA) POSTDOCTORAL FELLOWSHIPS
2024 APPLICATIONS AT THE UNIVERSITY OF MACERATA**

SUPERVISOR PROFILE

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Research themes proposed

Mathematical methods for economics and finance with main focus on discrete time dynamical systems: local and global dynamics, bifurcations, basins etc. My research activity is mainly in the area of dynamical systems, ranging from applications in microeconomics (spider-web models, duopoly models) to macroeconomics (economic growth, international financial crises, population dynamics, overlapping generations models, corruption and evasion, epidemiology) and finance (asset pricing models, dividend models and policies). More recently, I have been working on dynamic models on issues of environmental economics and active ageing.