



Open PhD and Postdoc positions in theoretical ecology

How do organisms respond to environmental changes? What mechanisms promote their persistence? This is one of the most fundamental challenges in biology today. To explore it, join us in this exciting collaborative, international and interdisciplinary project, funded by the Human Frontier Science Program. Full-time PhD and postdoctoral positions in theoretical ecology are available in the lab of Dr. Shai Pilosof (Ben Gurion University, Israel). The project is international, in collaboration with Dr. James Hall (University of Liverpool) and Prof. Manlio De Dominicis (University of Padua). Travel to collaborating labs in Italy and the UK is an integral part of the project.

You will develop novel theoretical and computational models to explore the eco-evolutionary dynamics of microbial ecological networks and how they respond to changing environments. Theoretical results will be integrated with experiments. You should have experience in research that combines biology with quantitative fields such as theoretical ecology, applied mathematics or physics.

Full details: www.bgu.ac.il/ecomplab

Contact: pilos@bgu.ac.il

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Shai Pilosof, Assistant Professor

Ecological Complexity Lab,

Murray and Judith Shusterman Career Development Chair in Microbiology

Department of Life Sciences

Ben-Gurion University, Israel

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