

Short Bio:

Ori Katz is a new faculty member at the Hebrew University's Department of Applied Physics, returning to Israel from a postdoctoral position at the Langevin Institute and Laboratoire Kastler Brossel in Paris. The research in Ori's Advanced Imaging Lab lies at the interface between physics and engineering, and focuses on developing novel computational-based optical imaging techniques to overcome the limitations of current approaches.

One important challenge that the Advanced Imaging Lab will address is the limitations imposed by light scattering on optical microscopy. Our approach challenges some of the governing paradigms on scattered light by bringing together advanced light control techniques, ultrasound-mediated imaging and computational based information retrieval.