

# Stanford

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## Ouri Karni

Postdoctoral Research Fellow, Applied Physics

### Bio

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#### STANFORD ADVISORS

- Tony Heinz, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Ultrafast dynamics in van der Waals heterostructures.** *Nature nanotechnology*  
Jin, C., Ma, E. Y., Karni, O., Regan, E. C., Wang, F., Heinz, T. F.  
2018; 13 (11): 994–1003
- **Controlling Photon Echo in a Quantum-Dot Semiconductor Optical Amplifier Using Shaped Excitation** *PHYSICAL REVIEW APPLIED*  
Mishra, A. K., Karni, O., Khanonkin, I., Eisenstein, G.  
2017; 7 (5)
- **Ultra-fast charge carrier dynamics across the spectrum of an optical gain media based on InAs/AlGaInAs/InP quantum dots** *AIP ADVANCES*  
Khanonkin, I., Mishra, A. K., Karni, O., Mikhelashvili, V., Banyoudeh, S., Schnabel, F., Sichkovskiy, V., Reithmaier, J. P., Eisenstein, G.  
2017; 7 (3)