

# Colloquium Notice

**Alex Krasnok**

**Advance Science Research Center and Graduate Center, CUNY**

*Novel aspects of light scattering*

Scattering of electromagnetic waves lies in the heart of the most experimental techniques in radiophysics, visible and X-ray optics that allow us to investigate the micro- and nanoworld. Recently, a wide spectrum of exceptional scattering effects attainable in carefully engineered structures have been predicted and demonstrated. In my talk, I will present our recent results on novel aspects of light scattering including coherent virtual absorption, coherently enhanced WPT, and strong coupling regime in excitonic systems.

Monday

**September 24, 2018**

Starts at 12:15 PM

Coffee at 12:00 PM

Physics Conference Room, SB B326