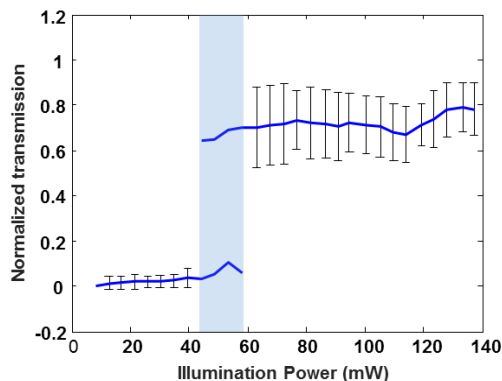


# Avi Niv

## Light induced micro-particle bubble drive

- The energy of light is converted to mechanical motion of micro-particles
- Forces that are six orders of magnitude larger than what is currently known



## Nonlinear optics at the extreme nanoscale

- The optical nonlinearity of nano-sized metal clusters is investigated
- The yet unknown role of collective plasma oscillations is being identified

