



THE WEIZMANN INSTITUTE OF SCIENCE  
FACULTY OF MATHEMATICS AND COMPUTER SCIENCE

Vision and Robotics Seminar

Room 1 ,Ziskind Building  
on Thursday, Jul 05, 2018  
at 12:15

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Beyond the limitations of sensors and displays

Abstract:

In this talk I explore various limitations of sensors and displays, and suggest new ways to overcome them.

These include:

1. The limited 2D displays of today's screens - I will show how we can design new displays that enable us to see in 3D \*without\* any glasses.
2. The limited spatial resolution of images - I will discuss the crucial factors for successful Super-Resolution.
3. The poor image quality due to motion blur (due to camera motion or scene motion) - I will present a new approach for Blind Non-Uniform Deblurring.