



THE HEBREW UNIVERSITY OF JERUSALEM  
ISRAEL INSTITUTE FOR ADVANCED STUDIES

# The 1st Winter School in Computer Science and Engineering: on Computer Vision

January 8-13, 2017

All lectures will take place at the Israel Institute for Advanced Studies,  
on the Edmond J. Safra, Givat Ram Campus, room 130

**General Director:**

**Michael O. Rabin** (Harvard University)

**Director:**

**Takeo Kanade** (Carnegie Mellon University)

**Co-Directors:**

**Alexei (Aloysha) Efros** (University of California, Berkeley)

**Yair Weiss** (The Hebrew University of Jerusalem)

# Program

## Sunday, 8 January

- 09:00 - 09:30     Registration
- 09:30 - 09:45     Opening Remarks
- 09:45 - 12:30     **Rob Fergus** (New York University),  
**Jitendra Malik** (University of California, Berkeley)  
Tutorials
- 12:30 - 14:00     Lunch- Belgium House
- 14:00 - 15:30     **Takeo Kanade** (Carnegie Mellon University),  
**Shree K. Nayar** (Columbia University),  
**Michal Irani** (Weizmann Institute of Science)  
Panell: Classic Papers in CV
- 15:30 - 16:00     Coffee Break
- 16:00 - 17:00     Student spotlights
- 17:00 - 18:00     Poster Session
- 18:00 - 20:00     Reception- IAS Lobby

## Monday, 9 January

- 09:15 - 12:30     **Michal Irani** (Weizmann Institute of Science),  
**Yair Weiss** (The Hebrew University of Jerusalem)  
Tutorials
- 12:30 - 14:00     Lunch- Belgium House
- 14:00 - 15:30     **Takeo Kanade** (Carnegie Mellon University)  
Rabin Lecture: Fun Research in Computer Vision  
(At the Brindell & Milton Gottlieb Auditorium  
(Computer Science School))

- 15:30 - 16:00 Coffee Break
- 16:00 - 17:00 Student spotlights
- 17:00 - 18:00 Poster Session
- 18:30 - 20:00 Visit to Mobileye

### Tuesday, 10 January

- 09:15 - 12:30 **Ira Kemelmacher-Shlizerman** (University of Washington),  
**Cordelia Schmid** (Univ. Grenoble Alpes)  
Tutorials
- 12:30 - 14:00 Lunch- Belgium House
- 14:00 - 15:30 **Rob Fergus** (New York University),  
**Cordelia Schmid** (Univ. Grenoble Alpes),  
**Alexei (Aloysa) Efros** (University of California, Berkeley)  
Panel 2: Deep Learning and Computer Vision
- 15:30 - 16:00 Coffee Break
- 16:00 - 17:00 Student spotlights
- 17:00 - 18:00 Poster Session

### Wednesday, 11 January

- 09:15 - 12:30 **William T. Freeman** (MIT Massachusetts Institute of Technology),  
**Shree K. Nayar** (Columbia University)  
Tutorials
- 12:30 - 14:00 Lunch-Belgium House
- 14:00 - 18:00 Tour of Old City

18:30 - 20:00 Visit to Intel Perceptual Computing Lab

**Thursday, 12 January**

09:15 - 12:30 **Rick Szeliski** (Facebook),  
**Alexei (Aloysa) Efros** (University of California,  
Berkeley)  
Tutorials

12:30 - 14:00 Lunch-Belgium House

14:00 - 15:30 **William T. Freeman** (MIT Massachusetts Institute  
of Technology),  
**Rick Szeliski** (Facebook),  
**Ira Kemelmacher-Shlizerman** (University of  
Washington)  
Panel 3: Industry and Academia in Computer  
Vision

15:30 - 16:00 Coffee Break

16:00 - 17:00 Student spotlights

17:00 - 18:00 Poster Session

**Friday, 13 January**

09:30 - 14:00 Tour of Masada and the Dead Sea (optional)