

Supernova & Cosmology

Mini-Workshop

Wed \ 27 \ May \ 2015

In honor of

Prof. Robert P. Kirshner (Harvard)

Recipient of the Wolf Prize in Physics 2015

Tel Aviv University : The Porter School of Environmental Studies \ Shenkar Physics Building

09:30-10:00 Gathering & Coffee

First Session \ Porter Capsule Bldg.

10:00-10:30 E. Nakar "Cooling Envelope and ^{56}Ni Emission in Supernovae with an Extended Progenitor"

10:30-10:55 T. Faran "A Sample of Type II Supernovae"

10:55-11:20 A. Rubin "Early Type II Supernova Light Curves"

11:20-11:45 T. Shussman "Numerical calculations of Supernova Early Light Curves from RSG Progenitors"

11:45-12:10 G. Svirski "The Breakout of Supernova 2008D"

12:10-12:30 Core Collapse general discussion

12:30-13:30 Lunch

Physics Colloquium \ Shenkar Physics Bldg., Melamed Hall

13:30-14:30 R. P. Kirshner "Infrared Observations of Supernovae: the best path to constraining dark energy"

14:30-15:00 Coffee

Second Session \ Porter Capsule Bldg.

15:00-15:20 N. Soker "Confronting the Six Different Supernova Ia Scenarios"

15:20-15:40 Type Ia general discussion

15:40-16:05 A. De Cia "Superluminous Supernovae"

16:05-16:30 O. Papish "The Response of a Helium White Dwarf to an Exploding Type Ia Supernova"

16:30-16:55 I. Ben-Dayan "Constraints on Small Scales of the Primordial Power Spectrum from Supernova Lensing"

16:55-17:20 E. Sabach "WD-Core Merger Resulting in Peculiar Supernovae"

Astroclub \ Shenkar Physics Bldg., Lev Hall

19:00-20:00 Astroclub talk by R. P. Kirshner