

Star Formation and Quenching in Galaxies

Mini-Workshop

Tuesday | December 30, 2014 | 10:00-18:00

Beit Belgia, Edmond J. Safra campus Givat Ram
The Hebrew University

Yuval Birnboim
Avishai Dekel
Mark Krumholz
Ofar Lahav
Tsvi Piran
Noam Soker
Amiel Sternberg

Colin DeGraf
Shigeki Inoue
Matteo Tomassetti

Danor Aharon
Shmuel Bialy
Nir Mandelker
David Wanderman
Elad Zinger

- 09:30-10:00** | **Gathering**
- 10:00-10:25** | **David Wanderman**
Rate of GRBs and star formation
- 10:25-10:42** | **Tsvi Piran**
GRBs and SFR in Low Metallicity Dwarf Galaxies
- 10:42-11:02** | **Shigeki Inoue**
Toomre Instability and star formation in high-z clumpy galaxies in cosmological simulations
- 11:02-11:27** | **Ofer Lahav**
Light vs. Mass from the Dark Energy Survey
- 11:30-11:50** | **Break**
- 11:50-12:50** | **Mark Krumholz**
Regulation of Star Formation: Top-Down, Bottom-Up, or Somewhere in Between?
- 12:50-2:00** | **Lunch**
- 2:00-2:25** | **Avishai Dekel**
Compaction and Quenching in High-z Galaxies: Blue and Red Nuggets
- 2:25-2:45** | **Colin DeGraf**
Bursty AGN feedback on high-z galaxy formation
- 2:45-3:02** | **Nir Mandelker**
Compressive vs Solenoidal Turbulence and Violent Disc Instability
- 3:02-3:19** | **Danor Aharon**
The role of star formation in nuclear stellar cluster evolution
- 3:19-3:44** | **Yuval Birnboim**
Non-thermal pressure in the ISM
- 3:45-4:10** | **Break**
- 4:10-4:30** | **Matteo Tomassetti**
Simulating the H₂ content of high-redshift galaxies
- 4:30-4:55** | **Amiel Sternberg**
HI-to-H₂ in Perseus and Beyond
- 4:55-5:12** | **Shmuel Bialy**
Molecules at the Reionization Epoch: CO/H₂ and OH/CO: From High Ionization to Low Metallicity
- 5:12-5:29** | **Elad Zinger**
Where Do Clusters End? Far Reaching Virial Shocks and their Effect on Galaxy Quenching
- 5:29-5:54** | **Noam Soker**
The cold feedback mechanism in cooling flows

For further information and car parking permit please contact
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