

# Schedule

## National Israeli Astronomy Seminar Day

Monday  
February 15, 2016



Location: Israel Institute for Advanced Studies (IIAS)  
The Hebrew University, Edmond J. Safra Campus, Givat Ram

### 9:30-09:50 Gathering

### 09:50-10:00 Greetings

#### Session I

#### 10:00-10:20 Ore Gottlib (TAU):

HI in Leo T: Dark Matter Profiles and External Pressures

#### 10:20-10:40 Santi Roca-Fabrega (HUJI):

Hot gas Distribution in Milky Way Size Galaxies

#### 10:40-11:00 Shmuel Bialy (TAU):

HI-to-H<sub>2</sub> Transitions in the Perseus Molecular Cloud

#### 11:00-11:20 Dan Padnos (HUJI):

Kelvin Helmholtz Instability of Cold Streams in Galaxies

### 11:20-11:50 Coffee break

#### Session II

#### 11:50-12:10 Yakov Faerman (TAU):

Hot Galactic Coronae

#### 12:10-12:30 Dalya Baron (TAU):

Dust Reddening in AGN Host Galaxies

#### 12:30-12:50 Caterina Lani (TAU):

Star Formation and Black Hole Activity in Luminous AGN

#### 12:50-13:10 Núria Castelló-Mor (TAU) :

Slim Accretion Disks around Super-Eddington Massive Black Holes

### 13:10-14:30 Lunch

#### Session III

#### 14:30-14:50 Ofek Birnholtz (HUJI):

First Highlights of Advanced LIGO Observational Run

#### 14:50-15:10 Avishai Gilkis (Technion):

Angular Momentum in Supernova Progenitor Stars

#### 15:10-15:30 Daniel Kagan (HUJI):

Beaming of Particles and Synchrotron Radiation in Relativistic Magnetic Reconnection

### 15:30-16:00 Coffee break

#### Session IV

#### 16:00-16:20 Sivan Ginzburg (HUJI):

Super-Earth Atmospheres: Self-Consistent Gas Accretion and Retention

#### 16:20-16:40 Smadar Bressler (Technion):

Energy Conservation Considerations in Calculating the Greenhouse Effect in Earth-like Planetary Atmospheres

#### 16:40-17:00 David Polishook (Weizmann):

Hubble Space Telescope Campaign to Discover Satellites Asteroids