

# ILASOL 24<sup>th</sup> meeting schedule

8:50	9:00	Opening remarks		
<b>Guest Lecture</b>				
9:00	9:30	Stuart Pivar	NY	Simulation of Early Embryonal Development Dynamics
9:30	9:40	Discussion		
<b>Session 1: Coding</b>				
9:40	10:10	Roy Bar-Ziv	WIS	Synthetic Cellular Compartments on a Surface
10:10	10:40	Avi Minsky	WIS	Physical and Evolutionary Insights From Infection Cycles of Giant Viruses
10:40	11:10	Edward N. Trifonov	UH	Everlasting Triplet Expansions: From the Origin of Triplet Code to Modern Genomes
11:10	11:30	<i>Coffee break</i>		
<b>Session 2: Networks</b>				
11:30	12:00	Omer Markovitch [Lancet]	WIS	High Self-Catalysis Reduces Evolvability
12:00	12:30	Nathaniel Wagner	BGU	Modeling Catalytic Networks: Relevance to the Origin of Life
12:30	13:00	Shmuel Bocobza [?]	WIS	Riboswitches and their Biological Function
13:00	13:30	<i>Lunch, on site</i>		
<b>Session 3: Biosynthesis</b>				
13:30	14:00	Eyal Kamhi [?]	WIS	The Importance of Being Translatable
14:00	14:30	Arren Bar-Even [Milo]	WIS	Design and Analysis of Synthetic Carbon Fixation Pathways
14:30	15:00	Malcolm E. Schrader	HUJI	Chemical Evolution of RNA World: A Living Theory
15:00	15:15	<i>Coffee break</i>		
<b>Session 4: The universe</b>				
15:15	15:45	Amri Wandel	HUJI	Extraterrestrial Intelligence? The Fermi Paradox in the SETI Era
15:45	16:15	Rafi Falk	HUJI	What is Life
16:15	16:45	Avshalom Elitzur	IAR	Maxwell's Demon: Implications for Evolution and Biogenesis
16:45		Closing remarks		

\*Lectures will be 25 minutes, followed by 5 minutes of discussion.