Program for ILASOL 2006 January 4 th , 2007 at the Weizmann Institute of Science, Botnar Auditorium (Belfer Building).		
8:30 – 9:00	Registration and coffee	
9:00-9:05	Opening Remarks - Doron Lancet (WIS)	
Session 1: Evolution - Eörs Szathmáry, chair		
9:05-9:35	Eva Jablonka (TAU) Epigenetic inheritance in early evolution.	
9:35-9:55	Emmanuel Tannenbaum (BGU) Selective advantage for sexual reproduction.	
9:55-10:15	Irit Davidson (Kimron Veterinary Institute) Generation of diversity in viruses due to molecular recombination between animal viruses and between plant and animal viruses: lessons to be learned from the avian world.	
10:15-10:30	Coffee break	
Session 2: P 10:30-11:30	lenary Eörs Szathmáry (Collegium Budapest) Metabolists, Geneticists, Compartmentalists, Unite!!!	
Session 3: Astrobiology - Gidi Fleminger, chair		
11:30-12:10	Akiva Bar-Nun (TAU) a. How good is our understanding of comets.	
12:10 -12:35	b. Titan's Chemistry. Joe Gale (HUJI) Broken of the chief and the chie	
12:35 -13:00	Problems of teaching multidisciplinary Astrobiology. Iris Fry (Technion) Stanley Miller's life and work - Reflections on the state of a scientific discipline.	
13:00 – 14:00	Lunch	
Session 4: Early Genes - Eva Jablonka, chair		
14:00-14:25	Ohad Carny (TAU)	
14:25- 14:50	Molecular co-evolution and the emergence of LUCA. Idan Gabdank (BGU) Duplex nature of the earliest mini-genes.	
Session 5: Thermodynamics - Doron Lancet, chair		
14:50 -15:15	Avshalom Elitzur and Goren Gordon (WIS) The Ski-Lift: A Ubiquitous Biological Pathway between Thermodynamic States.	

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	The Ski-Lift: A Ubiquitous Biological Pathway between Thermodynamic States.
15:15 - 15:35	Ora Kedem (BGU,WIS)
	Primordial active transport.
15:35 - 15:45	Discussion on thermodynamic principles.
15:45 - 16:00	Oleg Kupervasser (Technion)
	What is life?
16:00 – 16:15	Coffee break

Session 6: Lipid World - Barak Shenhav, chair

16:15-16:35	Tony Futerman (WIS)
	The Lipid World model for the origin of life: Sticky questions about sticky problems.
16:35-16:50	Barak Shenhav, Aia Oz and Doron Lancet (WIS)
	Lipid World – Responses and discussion.

Session 7: Closing
16:50-17:20 Malcolm E. Schrader (HUJI)
Evolution and the Bible: The Non-Traditional Approach.