

FINAL PROGRAM -- WORKSHOP 'OPEN QUESTIONS ON THE ORIGINS OF LIFE'
Donostia-San Sebastian, Basque Country, Spain --- MAY 20-23 (2009)

TIME / DAY	Wednesday, 20th	Thursday, 21st	Friday, 22nd	Saturday, 23rd
9:00 – 9:30	OPENING: krm & pll			
9:30-11:00	Contingency vs. determinism <u>Chairman:</u> R. SHAPIRO - PIER LUIGI LUISI - SANDRA MITCHELL - ANDREW POHORILLE - VICTOR NORRIS	Is life an emergent property? <u>Chairman:</u> A. POHORILLE - ANDRES MOYA - SANDRA PIZZARELLO - STUART KAUFFMAN - TAKASHI IKEGAMI	Origin of catalytic cycles <u>Chairman:</u> J. SUTHERLAND - STUART KAUFFMAN - PETER SCHUSTER - TAKUYA UEDA - ROBERT SHAPIRO	Life as a unity or confederacy <u>Chairman:</u> P. L. LUISI - ERIC SMITH - ALVARO MORENO - ADDY PROSS - LEONARDO BICH
11:00-11:30 coffee break				
11:30-13:00	Contingency vs. determinism <i>(OPEN DEBATE)</i>	Is life an emergent property? <i>(OPEN DEBATE)</i>	Origin of catalytic cycles <i>(OPEN DEBATE)</i>	Life as a unity or confederacy <i>(OPEN DEBATE)</i>
13:00 – 14:30 lunch				
14:30-16:00	Plausibility of RNA world <u>Chairman:</u> A. SCHWARTZ - PETER SCHUSTER - JOHN SUTHERLAND - ROBERT SHAPIRO - ADA YONATH - PETER NIELSEN	Minimal (proto-) cell world? <u>Chairman:</u> P. STANO - SASA SVETINA - TETSUYA YOMO - FEDERICO MORÁN - KNUD NIERHAUS - GARCÍA/PERETÓ/MOREIRA	Autotrophy vs. heterotrophy <u>Chairman:</u> J. PERETÓ - ROBERT PASCAL - SHEREF MANSY - ERIC SMITH - WOLFGANG WEIGAND	Defining the origin of life <u>Chairman:</u> A. MOYA - DORON LANCET - H. JAMES CLEAVES - SANDRA PIZZARELLO - MARTIN HANCZYC - K. RUIZ-MIRAZO
16:00-16:30 coffee break				
16:30-18:00	Plausibility of RNA world <i>(OPEN DEBATE)</i>	Minimal (proto-) cell world? <i>(OPEN DEBATE)</i>	Autotrophy vs. heterotrophy <i>(OPEN DEBATE)</i>	Defining the origin of life <i>(OPEN DEBATE)</i>
18:00-18:30	CLOSURE: pll & krm			