



Scientific Program NLL 2018
18-22 June 2018,
Spetses, Greece

MONDAY 18 JUNE 2018	
	Chair: S. Flach
09:00 – 09:30	Opening
	SHOZO TAKENO LECTURES
09:30 – 10:00	Al Sievers <i>Intrinsic localized modes in microscopic and macroscopic lattices</i>
10:00 - 10:30	Serge Aubry <i>A unified modelling of covalent, ionic and intermediate bonds in chemistry and their dynamics</i>
10:30– 11:00	David Campbell <i>The Subtle Road to Equilibrium: Intermittent Many-Body Dynamics at Equilibrium</i>
11:00 – 11:30	Coffee Break
	Chair: E. Economou
11:30 – 12:00	Dimitrios Psaltis <i>Teaching Optical Systems by Example</i>
12:00– 12:30	Harris Skokos <i>Chaos in disordered nonlinear lattices</i>
12:30 – 13:00	Igor Barashenkov <i>PT-symmetry: jamming anomaly, spinor solitons and necklaces with gain and loss ombre</i>
13:00 – 13:30	Volodymyr Dubinko <i>Discrete Breathers in Hydrogenated Metals: Atomistic Simulations and Applications to the Rate Theory</i>
13:30– 16:00	Lunch Break -Free Period
	ALWYN SCOTT LECTURES
	Chair: P. Kevrekidis
16:00 - 16:30	Thierry Dauxois <i>Internal Wave Attractors</i>
16:30 - 17:00	Juan Archilla <i>Nonlocal solitary waves in a model for a layered silicate.</i>
17:00 – 17:30	Masayuki Sato <i>Experiments and Simulations of Driven-damped Intrinsic Localized Modes</i>
17:30- 18:00	Elena Korznikova <i>Localized vibrational modes in carbon materials</i>
20:00	AI- Scott Reception at Poseidonion (open air)