

NOICE workshop on nonlinear optics and light-matter interaction

3 October, 2018

Conference Hall, CNR – Area di ricerca Napoli 3, Via Campi Flegrei 34, Pozzuoli (NA)

Programme

10:00	Welcome	
10:30	Ady Arie	The Stern-Gerlach effect in nonlinear optics
11:00	Luigi Consolino	Metrological grade THz radiation
11:30	Coffee Break	
12:00	Yael Roichman	Dynamics of locally driven colloidal suspensions
12:30	Alberto Porzio	Bipartite entangled states carrying orbital angular momentum from a type-II OPO
13:00	Sharly Fleischer	Rotational echo dynamics in multi-level systems: hurdles and opportunities
13:30	Lunch	
14:30	Oliver Morsch	Absorbing-state phase transitions in a driven-dissipative Rydberg gas
15:00	Tal Schwartz	Tailoring transport in organic materials by confined photons
15:30	Gianluca Gagliardi	Liquid droplet microresonators
16:00	Jacob Scheuer	Integrated nano-optics using soluble materials and nano imprinting lithography
16:30	Coffee break	
17:00	Iolanda Ricciardi	Frequency comb generation in quadratic nonlinear resonators
17:30	Haim Suchowski	Ultrafast broadband near-field imaging and spectroscopy
18:00	Concluding remarks	

Please, register at: <https://fox.ino.it/Napoli/Noice/registrazione.html>