

Workshop on "Correlated disorder and hyperuniformity in soft matter and photonics"

Oct 15 - Oct 17, 2018 Tentative Program

Monday, October 15

Slot		Speaker	Title
10:00	10:45		Welcome coffee
10:45	11:00		Introduction
11:00	11:45	David Pine	Title to be announced
11:45	12:30	Gi-Ra Yi	Colloidal photonic glasses of hollow nanospheres for angle-independent struc- tural colors
12:30	14:00		Lunch
14:00	14:45	Cefe López	The percolation threshold is a mark of maxi- mum amount of disorder
14:45	15:30	Riccardo Sapienza	Photonic networks random lasers
15:30	16:00		Coffee break
16:00	16:45	Salvatore Torquato	Disordered Hyperuniform States of Matter
17:00	19:00		Welcome cocktail

Tuesday, October 16

Slot		Speaker	Title
09:00	09:45	Marian Florescu	Hyperuniformity and local self-uniformity: Pho- tonics band gaps in disordered materials
09:45	10:30	Frank Scheffold	Band gap formation and Anderson localization in hyperuniform disordered photonic materials
10:30	11:00		Coffee break
11:00	11:45	Silvia Vignolini	Strategies for light management in Nature from order to disorder
11:45	12:30	Nadine Nassif	Is cornea really transparent? An investigation of collagen based-materials
12:30	14:00		Lunch
14:00	15:30		Poster session
15:30	16:00		Coffee break
		Dov Levine	Title to be announced
16:45	17:30	Juan José Saenz	Title to be announced

Wednesday, October 17

Slot		Speaker	Title
09:00	09:45	Kevin Vynck	Engineering nanostructured surfaces with cor- related disorder for visual appearance design
09:45	10:30	Patrick Tabeling	Hyperuniformity and band gaps in microfluidic bidisperse emulsions
10:30	11:00		Coffee break
11:00	11:45	Xiaoping Jia	Multiple scattering of ultrasound in dense gran- ular media
11:45	12:30	Olivier Mondain-Monval	Flat Acoustic Gradient Index Materials
12:30	14:00		Lunch
14:00	14:45	Rémi Dreyfus	Self-assembly of functional materials for optics and mechanics
14:45	15:30	Haim Diamant	Dynamic hyperuniformity of driven suspen- sions
15:30			Concluding remarks