

Schedule for the program: "Dynamical Foundations of Many-body Quantum Chaos", Institut Pascal 13 March - 14 April 2023					
WEEK 1 - Lectures	Monday, March 13	Tuesday, March 14	Wednesday, March 15	Thursday, March 16	Friday, March 17
10.00-11.00	Klaus Richter <i>Semiclassical Foundations of Many-Body Quantum Chaos</i>	Julian Sonner <i>Chaos and ergodicity in quantum gravity</i>	Andrey Kolovsky <i>Many-body quantum chaos for cold atoms in optical lattices</i>	Julian Sonner <i>Chaos and ergodicity in quantum gravity</i>	Valentina Ros <i>Eigenstate Thermalization Hypothesis, and its violations</i>
11.30-12.30	Andrey Kolovsky <i>Many-body quantum chaos for cold atoms in optical lattices</i>	Rosario Fazio <i>Quantum information tools for many-body systems</i>	Laura Foini <i>Eigenstate Thermalization Hypothesis, and its violations</i>	Klaus Richter <i>Semiclassical Foundations of Many-Body Quantum Chaos</i>	Julian Sonner <i>Chaos and ergodicity in quantum gravity</i>
13.00-14.20	Buffet Lunch	Lunch	Lunch	Lunch	Lunch
14.30-15.30	Laura Foini <i>Eigenstate Thermalization Hypothesis, and its violations</i>	Klaus Richter <i>Semiclassical Foundations of Many-Body Quantum Chaos</i>	Rosario Fazio <i>Quantum information tools for many-body systems</i>	Andrey Kolovsky <i>Many-body quantum chaos for cold atoms in optical lattices</i>	Rosario Fazio <i>Quantum information tools for many-body systems</i>
16.00-17.00				Valentina Ros <i>Eigenstate Thermalization Hypothesis, and its violations</i>	
17.00-19.00			Happy hour + poster session		
				Social dinner	
WEEK 2	Monday, March 20	Tuesday, March 21	Wednesday, March 22	Thursday, March 23	Friday, March 24
11.00-11.20	Brezinova Iva	Müller Markus	Wisniacki Diego	Garcia Garcia Antonio Miguel	Sierant Piotr
11.30-11.50	Cvitanovic Predrag	Goold John	Bäcker Arnd	Papic Zlatko	Kolovsky Andrey
12.00-12.20	Izrailev Felix	Santos Lea	Delacretaz Luca	Ozorio de Almeida Alfredo	Dooley Shane
13.00-	Buffet Lunch	Lunch	Lunch	Lunch	Lunch
16.00-17.00	Aidelsburger Monika		Happy Hour		
				Social Dinner	
WEEK 3	Monday, March 27	Tuesday, March 28	Wednesday, March 29	Thursday, March 30	Friday, March 31
11.00-11.20		Lando Gabriel	Sanchez-Palencia Laurent		
11.30-11.50	Silva Alessandro	Abanin Dmitry	Yunger Halpern Nicole	Zakrzewski Jakub	Zyczkowski Karol
12.00-12.20	Buchleitner Andreas	Vidmar Lev	Scardicchio Antonello	Wimberger Sandro	Serbyn Maksym
13.00-	Buffet Lunch	Lunch	Lunch	Lunch	Lunch
16.00-17.00			Happy Hour		
				Social Dinner	
WEEK 4	Monday, April 3	Tuesday, April 4	Wednesday, April 5	Thursday, April 6	Friday, April 7
11.00-11.20					
11.30-11.50	Lakshminarayan Arul	Surace Federica Maria	Urbina-Gonzalez Juan-Diego	Srednicki Mark	Guéry-Odelin David
12.00-12.20	Garratt Sam	Schlagheck Peter	Claeys Pieter	Jalabert Rodolfo	
13.00-	Buffet Lunch	Lunch	Lunch	Lunch	Lunch
16.00-17.00			Happy Hour		
				Social Dinner	
WEEK 5	Monday, April 10	Tuesday, April 11	Wednesday, April 12	Thursday, April 13	Friday, April 14
11.00-11.20	Easter monday		Kuchan Jorge		
11.30-11.50		Cao Xiangyu	Giraud Olivier	Valentina Ros	Wrap-up
12.00-12.20		Laura Foini	Tomsovic Steven	Pappalardi Silvia	
13.00-		Lunch	Lunch	Lunch	Lunch
16.00-17.00			Happy Hour		
				Social Dinner	
Colors = 5 thematic fields:	1. Semi-classical theory of chaotic many-body systems	2. Quantum chaos with cold atoms	3. Thermalization and its violations in isolated systems	4. Gravity and quantum chaos	5. Quantum information in chaotic systems