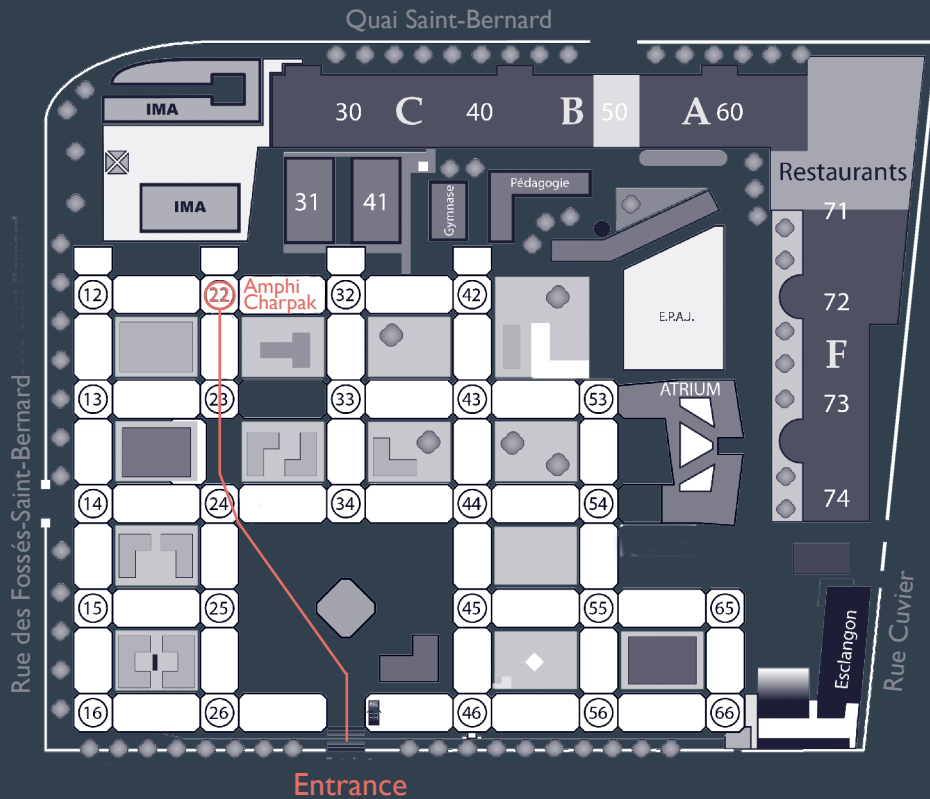


Access map to Amphithéâtre Charpak



Place Jussieu
Métro Jussieu, lines 7 and 10

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MANY-BODY QUANTUM PHYSICS



WORKSHOP IN HONOUR OF
MONIQUE COMBESCOT
ON THE OCCASION OF HER 75TH BIRTHDAY

18 October 2019

Sorbonne Université
Campus Pierre et Marie Curie - Paris, France
Amphithéâtre Charpak



PROGRAM

08:45-09:00	OPENING		
09:00-09:30	Dr Christian Tanguy Orange Labs, Châtillon, France From quasi-bosons to network caching		
09:30-10:00	Dr Aurélia Chenu Donostia International Physics Center, San Sebastian, Spain Many-body formalism for thermally-excited wave-packets: A way to connect quantum to classical regime		
10:00-10:30	Dr Shiue-Yuan Shiau National Center for Theoretical Sciences, Taiwan The World of Composite Bosons According to Monique		
10:30-11:00	COFFEE BREAK		
11:00-11:30	Dr Danièle Hulin École Nationale Supérieure de Techniques Avancées, Palaiseau, France Excitonic optical Stark effect: A fruitful theory-experiment collaboration		
11:30-12:00	Pr Michel Crouzeix Université de Rennes 1, France Richardson-Gaudin equations, my collaboration with Monique		
12:00-12:30	Dr Walter Pogosov N. L. Dukhov All-Russia Research Institute of Automatics, Moscow, Russia Exactly solvable Richardson-Gaudin-Dicke models: From thermodynamical limit to mesoscopic regime		
12:30-13:00	Dr Tristan Cren Institut des Nanosciences de Paris, France When superconductivity becomes topological		
13:00-14:00	LUNCH		
14:00-14:30		Dr Thierry Amand Laboratoire de Physique et Chimie des Nano-Objets, UMR CNRS-INSA-UPS 5215, Toulouse, France Spin and valley physics in 2D semiconductor crystals: Excitons and their complexes in transition metal dichalcogenides	
14:30-15:00		Pr Yia-Chung Chang Research Center for Applied Science, Taiwan Exciton coupled to Fermi sea polarization in semiconductor quantum wells and transition-metal dichalcogenides	
15:00-15:30		Dr Marc-André Dupertuis École Polytechnique Fédérale de Lausanne, Switzerland Irreversible decay of a two-level system into a finite bandwidth continuum: An exact and rich solution	
15:30-16:00		Dr François Dubin Institut des Nanosciences de Paris, France Chasing Excitons Bose-Einstein Condensation	
16:00-16:30	COFFEE BREAK		
16:30-16:45		Pr Lev Pitaevskii University of Trento, Italy	
16:45-17:00		Pr Claude Cohen-Tannoudji École Normale Supérieure Paris and Collège de France Quelques souvenirs de mes contacts avec Monique	
17:00-17:15		Pr Julien Bok École de Physique et Chimie Industrielles de la Ville de Paris, France Laser annealing: Melting assisted by electron-hole pairs	
17:15-17:45		Pr Anthony Leggett University of Illinois, USA The London moment of a rotating superconductor: Some unsuspected subtleties	