

Kick-off Meeting of the ANR-DFG project Effective Approximation and Dynamics of Many-Body Quantum Systems

ANR-22-CE92-0013, DFG PE 3245/3-1 and BA 1477/15-1

Metz, August 28-September 1, 2023

Institut Élie Cartan, UFR MIM - Mathématiques, Informatique et Mécanique,
Université de Lorraine, Metz, France



Funded by _____



Access

France – Metz – Technopôle – 3 rue Augustin Fresnel – UFR MIM – Seminar Room UM-ARC-052

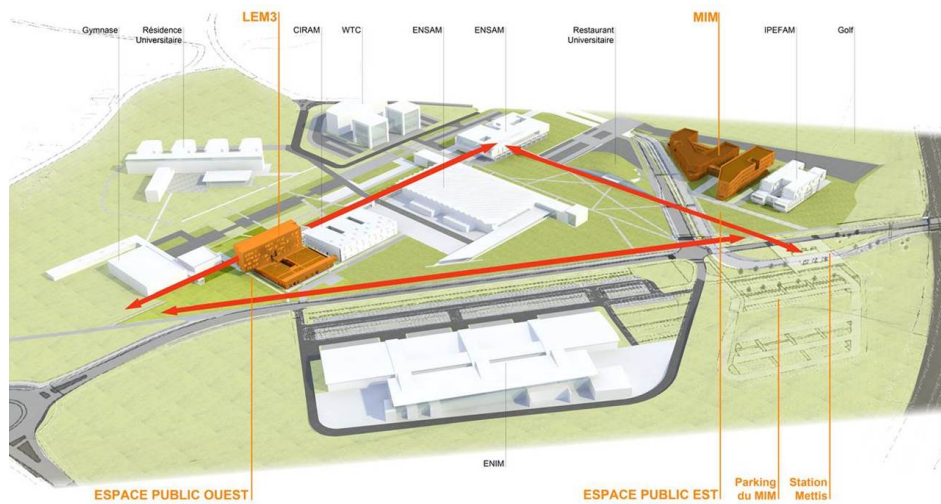


Figure 1: Entrance of UFR Mathematics, Informatics and Mechanics.
Picture: Courtesy Raymond Mortini.

By car Metz, 3 rue Augustin Fresnel
GPS : 49°05'41.5"N 6°13'47.2"E

Public transportation from Metz-Ville Train Station:
Bus: Mettis B – Direction: Hôpital Mercy – Stop: Grandes Écoles

Program

Monday	Tuesday	Wednesday	Thursday	Friday
	9:15 – 10:30 J. SABIN	9:15 – 10:30 J. SABIN	9:15 – 10:30 J. SABIN	9:15 – 10:15 S. BRETEAUX
				
	10:45 – 12:00 J. S. MØLLER	10:45 – 12:00 J. S. MØLLER	10:45 – 12:00 J. S. MØLLER	10:30 – 11:30 V. BACH
				11:30 – 12:30 D. PÉRICE
13:30 – 14:00 Welcome				Good bye talk
14:00 – 15:00 S. PETRAT	14:00 – 15:00 V. GRASSELLI		14:00 – 15:00 Z. AMMARI	
15:00 – 16:00 S. FARHAT	15:00 – 16:00 J. FAUPIN	Boat on the Moselle river	15:00 – 16:00 A. ROUT	
		& Hiking		
Discussions	Discussions		Discussions	
			Conference Diner	

Social Events

Boat on the Moselle river & Hiking Wednesday at 14:55

Meeting point at the boat stop Ponton Metz'O Moyen Pont (*Below* rue de la garde)

Conference diner Thursday evening at 20:00

Brasserie des Arts et Métiers: 2 Bis Rue Gambetta, 57000 Metz

Mini-Courses

Jacob SCHACH MØLLER

Aarhus University, *Danemark*

Part 1. The Van Hove Hamiltonian - obscured

Part 2. Higher order renormalization for a toy model

Part 3. Normal ordering and estimates for Wick monomials

Julien SABIN

Rennes 1 University, *France*

Time dependent Hartree-Fock equations

Abstracts

TBA

Participants

- Benjamin ALVAREZ — Toulon University
- Zied AMMARI — Rennes 1 University
- Volker BACH — Braunschweig Technical University
- Sébastien BRETEAUX — Lorraine University
- Renata BUNOIU-SCHILTZ — Lorraine University
- Shahnaz FARHAT — Rennes 1 University
- Jérémy FAUPIN — Lorraine University
- Jacob GEISLER — Braunschweig Technical University
- Viviana GRASSELLI — Toulouse University
- Matthias HERDZIK — Braunschweig Technical University
- Julien LEQUEURRE — Lorraine University
- Denis PÉRICE — École Normale Supérieure of Lyon
- Sören PETRAT — Constructor University Bremen
- Francis NIER — Sorbonne Paris Nord University
- Andrew ROUT — Warwick University
- Julien SABIN — Rennes 1 University
- Jacob SCHACH MØLLER — Aarhus University

Organizing Committee

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