

Conference  
SPECTRAL AND SCATTERING THEORIES IN QUANTUM  
FIELD THEORY

June 10 and 11, 2013

Institute of Mathematics of Bordeaux  
University Bordeaux



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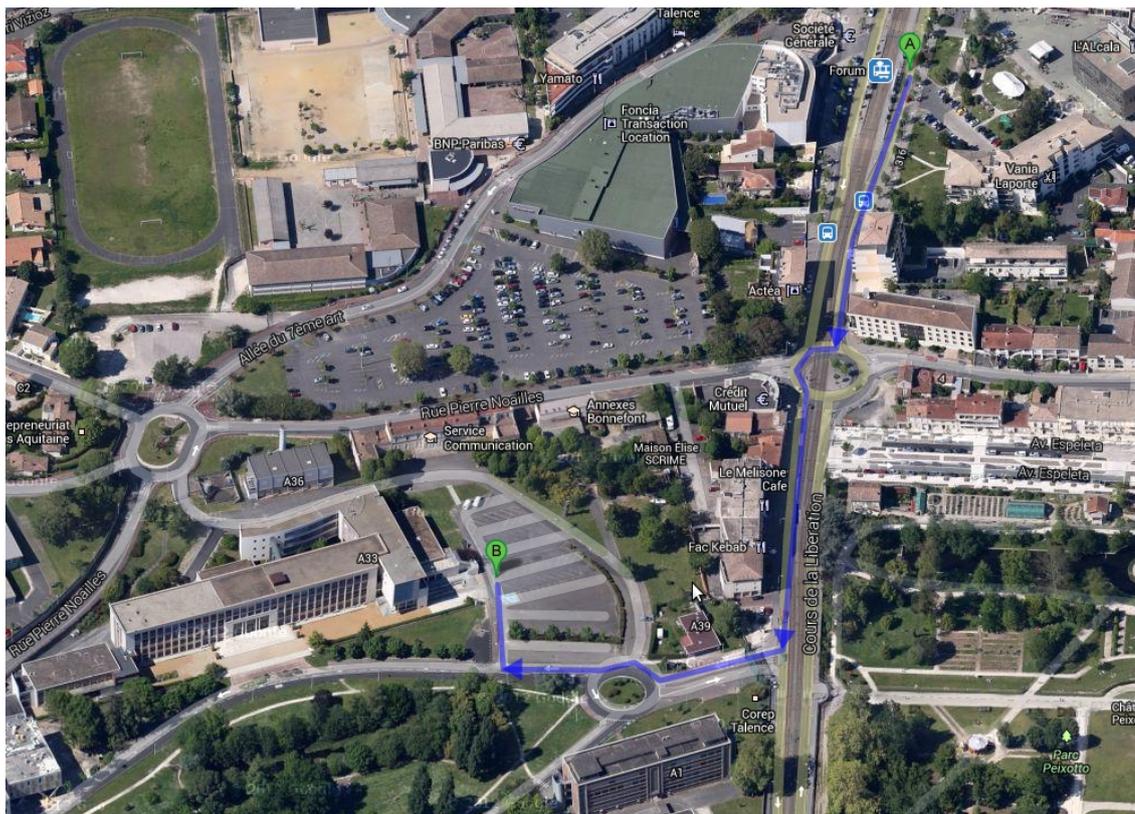
## ACKNOWLEDGEMENTS

*We gratefully acknowledge the financial support of:*

- *ANR SQFT (Spectral and scattering theories of QFT models)*

## 1. LOCATION

The conference takes place at the Institute of Mathematics of Bordeaux (= IMB, for short). The Institute is located at Building A33. Take for instance Tram B till “Forum” and follow the map:



The talks will be given at the Conference Auditorium of IMB (= “Salle des Conférences” in French) located on the first floor right to the left after the entrance to IMB.

Coffee breaks will take place in the Coffee Lounge of IMB, located on the first floor of IMB (take the corridor to the right after the entrance).

**WIFI-COMPUTER ACCESS:** the participants of the conference will get a UNIX account for the duration of the event. Your personal login and password is inserted inside your conference badge.

To get the Wi-Fi access on your laptop computer, please start your web browser and click on “Accept” button on its capturing screen. This will bring you to a screen with a sort of login form; please choose “Université Bordeaux 1” session, enter your login/password and proceed as usually.

You can also directly login to IMB terminals located at Room 151 (it is on a half-way from the Conference Room to the Coffee Lounge); the door to the room will be kept open.

## 2. PROGRAM

<b>Monday, June, 10.</b>	
08:30-10:00	C. Gérard Introduction à la théorie quantique des champs en espace-temps courbe I
10:00-10:30	Coffee break
10:30-12:00	W. De Roeck Time-dependent approach to thermalization and scattering in quantum field theory I
12:00-14:00	Lunch break
14:00-15:30	W. Dybalski Asymptotic completeness below the two-boson threshold in the massive translation invariant Nelson model
15:30-16:00	Coffee break
16:00-17:30	A. Panati Entropic fluctuations in non-equilibrium statistical mechanics for the spin boson model
20:00	Dinner downtown
<b>Tuesday, June, 11.</b>	
09:00-10:30	C. Gérard Introduction à la théorie quantique des champs en espace-temps courbe II
10:30-11:00	Coffee break.
11:00-12:30	W. De Roeck Time-dependent approach to thermalization and scattering in quantum field theory II
12:30-14:30	Lunch break.
14:30-16:00	M. Ballesteros Existence and Construction of Resonances for Atoms Coupled to the Quantized Radiation Field

## 3. PARTICIPANTS

E. Amar,	U. Bordeaux 1
A. Bachelot,	U. Bordeaux 1
M. Ballesteros,	U. Braunschweig
J.-M. Barbaroux	U. Toulon
J.-F. Bony,	U. Bordeaux 1
V. Bruneau,	U. Bordeaux 1
W. De Roeck,	U. Heidelberg
W. Dybalski,	U. Zürich
J. Faupin,	U. Bordeaux 1
C. Gérard,	U. Paris sud
S. Golénia,	U. Bordeaux 1
J.-C. Guillot	Polytechnique
T. Jecko,	U. Cergy-Pontoise
S. Kupin,	U. Bordeaux 1
A. Panati,	U, Toulon
D. Sambou,	U. Bordeaux 1
B. Schübnel	U. Zürich
M. Zerzeri	U. Paris 13

#### 4. EVERYDAY MEALS

The everyday meals will take place in the restaurant of the CNRS. The participants of the conference will be taken there by cars.

#### 5. CONFERENCE DINNER

The conference dinner will take place at “Le parlement des graves”, 9 Rue Parlement Sainte-Catherine. Take for instance the tram B till “Grand Théâtre” and follow the map:

