

# Theory days Stochastic and Dissipative effects

Nov-Dec 30, 1, 2, 2011

IRSAMC

Toulouse

Multi-ionization  
Photodissociation  
Time dependent DFT  
Surface hopping  
Nonadiabatic effects



dépasser les frontières

CoDFT



Université  
Paul Sabatier  
TOULOUSE III

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# THEORY DAYS ON STOCHASTIC AND DISSIPATIVE EFFECTS

Toulouse, November 30, December 1 and 2 2011

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## 1 Scientific program

The detailed program will be prepared as soon as possible after replies from all participants. The preliminary list of the speakers is the following :

- Heiko Appel (Fritz Haber Institute, Berlin, Germany)
- Thomas Fennel (Department of Physics, Universität Rostock, Germany)
- Franck Lépine (Laboratoire de Spectrométrie Ionique et Moléculaire, Université Claude Bernard Lyon 1, France)
- Robert van Leeuwen (Department of Physics, Nanoscience Center, University of Jyväskylä, Finland)
- Neepa T. Maitra (Department of Physics and Astronomy, Hunter College, New-York, USA)
- Kasia Pernal (Institute of Physics, Technical University of Łódź, Poland)
- Paul-Gehrad Reinhard (Institute for Theoretical Physics, Erlangen, Germany)
- Jan-Michael Rost (Max Planck Institute For the Physics of Complex systems, Dresden, Germany)
- Angel Rubio (Nano-bio spectroscopy group, San Sebastian, Basque Country, Spain)
- Cédric Simenel (DAPNIA, CEA-Saclay, France)
- Valérie Vényard (Laboratoire des Solides Irradiés, École Polytechnique, France)
- Yang Wang (Department of Chemistry, Universidad Autónoma de Madrid, Spain)

(\* to be confirmed)

## 2 Lodging, meeting place and meals

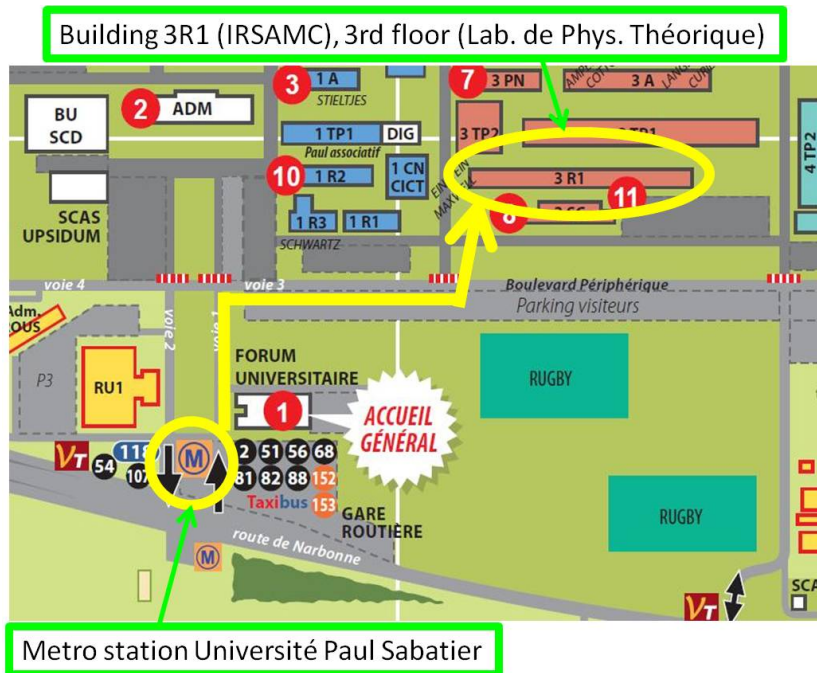
There is be no registration fee. We shall cover lodging, meals, and local transportation for about 15 participants during the duration of the workshop (arrival Nov 30,

departure Dec 2), on the basis of first confirmed, first served. The participants should then note that the travel costs will not be covered.

Participants will be lodged at the hotel Victor Hugo in Toulouse (<http://www.victorhugo-hotel.com/>)

very close to the metro station Jeanne d'Arc on line B, and also to the Jeanne d'Arc stop of the airport shuttle.

The metro line B connects downtown to university. Travel takes about 15 minutes with trains every few minutes (less than 5 min). Participants will be given metro tickets when arrived at the workshop place. Meeting will take place at IRSAMC in the University Campus, see map below. Metro tickets will be provided to all participants.



Lunches will take place in a restaurant of the CNRS, close to the university, and will be covered. Dinners, also covered, will take place at the Brasserie Flo Les Beaux Arts, downtown near the Garonne River, see :

<http://www.flobrasseries.com/brasseries/index.asp?brasserie=11>

### 3 Access to Toulouse

#### Airports

Toulouse airport is connected to major west European airports and hubs (Paris Orly and Roissy Charles de Gaulle, Munich, Frankfurt, London, Amsterdam) with regular

connections by Air France/KLM, Lufthansa, British Airways for the major companies and also with connections by (Low Cost) Easy Jet. Plane provides by far the simplest access to Toulouse with reasonable fees for sufficiently early booking.

<http://www.toulouse.aeroport.fr/>

There is a shuttle to downtown (first stop at Compans Caffarelli, on line B of metro) every 20 mn (cost is 5 euros one way); for details, see

<http://www.toulouse.aeroport.fr/fr/aeroport/acces-plans-parkings/acces/se-deplacer-en-transport-en-commun>

As soon as one catches the shuttle, it takes about half an hour to get to the University thanks to the connection with line B at Compans Caffarelli station.

Participants can be reimbursed for these 10 euros; however reimbursement will occur at best several weeks afterwards. It is thus much simpler if each participant's institution can cover these airport shuttle tickets.

An alternative access is provided by Carcassonne airport (about 45 minutes by car from Toulouse) which has a Low Cost access through Ryanair

<http://www.carcassonne.aeroport.fr/>

In case of major problem, we shall organize some transfer. It would be useful to know sufficiently in advance such details.

### Train

Central station is Toulouse Matabiau connected to line A of metro (see below) and is connected to major french cities.

<http://www.gares-en-mouvement.com/gare-fr-1-frxyt.html>

### Metro

Metro and bus connections (general) : <http://www.tisseo-urbain.fr/horaires/>

line A (train station to downtown) : <http://www.tisseo-urbain.fr/734991.pdf>

line B (downtown to university) : <http://www.tisseo-urbain.fr/734994.pdf>