

Scope of the conference

The 1st Nano-IBCT Conference is organized in the framework of the COST Action MP1002 (Nano-scale Insights into Ion Beam Cancer Therapy). It will take place in Caen (France) from October 2nd to October 6th, 2011. The conference will bring together experts from different disciplines: physics, chemistry, biology, hadron-therapy centers, medical institutions, specialized in the radiation damage of biological matter.

In particular, the following subjects will be discussed:

- Ion propagation in matter
- Primary ionization in the medium, direct damage and production of secondary electrons and radicals
- Propagation of secondary electrons and radicals
- Electron attack on DNA and proteins
- Radiobiological scale effects
- Hadron therapy centers
- Related European projects

Important dates

- Abstract : Deadline **July 1st, 2011**
- Registration : Deadline **July 15th, 2011**
- Hotel reservation : Recommended before **September 1st, 2011**

Conference Site

The Conference Site is located in the centre of Caen, it is within walking distance from the down town of Caen and in proximity to hotels, restaurants and other facilities.

The conference will be held in the Auditorium of the Musée des Beaux-Arts (Fine Arts Museum) located in the castle of Caen.



Preliminary Programme

	Sunday 2 nd October	Monday 3 rd October	Tuesday 4 th October	Wednesday 5 th October	Thursday 6 th October
9h00 10h30		Session 1 General	Session 4 General	Session 8 General	Session 11 General
10h30 11h00	Coffee Break				
11h00 12h30		Session 2 WG1 Propagation of ions in matter	Session 5 WG2/3 Production / Propagation of Secondary Species	Session 9 WG4 Electron attack on DNA	Session 12 WG5 Radiobiological Scale Effects
12h30 14h30	Lunch				
14h30 16h00		Session 3 WG1 Propagation of ions in matter	Session 6 WG2/3 Production / Propagation of Secondary Species	Session 10 WG4/5 Electron attack on DNA and Radiobiological Scale Effects	Meeting of the Scientific and Technological Program and Management Committees
16h00 16h30	Coffee Break				
16h30 18h00		Poster Session	Session 7 WG2/3 Production / Propagation of Secondary Species	Visit of ARIBE / GANIL Guided Town Visit	
18h00	Welcome Reception				
20h00				Conference Diner	

List of confirmed Invited Speakers

Isabella BACCARELLI	University of Rome 'La Sapienza', Italy
Jean BOURHIS	IGR, Paris, France
Stephan DENIFL	University of Innsbruck, Austria
Alicja DOMARACKA	CIMAP, Caen, France
Marco DURANTE	GSI, Darmstadt, Germany
Martin FALK	Institute of Biophysics of ASCR, Brno, Czech Republic
Martina FUSS	IFF, Madrid, Spain
Gustavo GARCIA	IFF, Madrid, Spain
Yann GAUDUEL	ENSTA, Ecole polytechnique, Palaiseau, France
Thomas HABERER	HIT, Heidelberg, Germany
Janina KOPYRA	University of Siedlce, Poland
Nigel MASON	Open University, Milton Keynes, United Kingdom
Guiseppe SCHETTINO	Queens University Belfast, United Kingdom
Malgorzata ŚMIAŁEK-TELEGA	Gdansk University of Technology, Poland
Andrey SOLOV'YOV	FIAS, Frankfurt, Germany
Eugene SURDUTOVICH	University of Oakland, USA
Joachim ULLRICH	MPIK Heidelberg, Germany
Harry WHITLOW	University of Jyväskylä, Finland
Alexander YAKUBOVICH	FIAS, Frankfurt, Germany
Yasunori YAMAZAKI	Riken, Tokyo University, Japan

Registration

All participants are required to register for Nano-IBCT 2011 before the deadline of **July 15th, 2011**. Please register on-line on the [website](#) (This registration procedure will be activated soon)

The registration consists of two steps: you will have to fill in a pre-registration form which will be validated by the conference organizer before making the final registration.

In case of difficulty, please contact the Conference Office at nano-ibct@ganil.fr.

Registration Fees

Fees in euros (€) are as follows :

Registration type	Fees
Regular Participant	200 €
Invited Speakers	100 €
PhD Student Participant	50 €
Accompanying Person	60 €

The Regular Participant and Invited Speaker fees include access to the lecture halls, poster sessions, coffee breaks, book of abstracts, the welcome reception on October the 2nd and the Conference Dinner on October the 5th.

The PhD Student participant fee includes the same package as for Regular Participants. Students are requested to show a copy of their valid student ID at their arrival to the conference office on the 2nd of October. A financial support may be granted to students, depending on the number of participants and the conference budget. Students may apply for support until July 1st, a final decision will be given by July 7th.

The Accompanying Person fee includes the Welcome Reception on October the 2nd and the Conference Dinner on October the 5th.

Abstract

Contributions :

For invited talks and poster contributions, an abstract has to be submitted before the deadline of **July 1st, 2011**. Submitted contributions should fall into the scope of the conference in order to be accepted. Some poster contributions will be selected for an oral presentation. The result of the selection will be communicated between the 1st and 7th of July. Only for registered participants, abstracts will be included in the Book of Abstracts and the corresponding posters are admitted for presentation.

Abstract format :

The length of the abstract is limited to **one** A4 page, including figures and tables.

You should download one of the different templates from the [Website](#) which contained more details on the abstract format.

Recommended software are : MS Word 97-2003, MS Word 2007, LaTeX, and Open Office 3.0.

Please email abstracts to : nano-ibct@ganil.fr

Travel

Caen is located about 200 km west of Paris.

It can be reached by car, train or plane. In addition, a ferry boat connection between United Kingdom (Portsmouth) and Ouistreham (situated close to Caen) exists.



By car:

When renting a car at the airports in Paris, the trip to Caen will take about 2h30 (without traffic jam). Most car rental agencies are available in the airport terminals, see this page.

The Highway toll will be: 14.10 €

For a roadmap to Caen, visit [Viamichelin website](#) or [Mappy website](#).

By train:

When travelling by train you will mostly pass through Paris. High-speed train connections to Paris are possible from London, Brussels, Amsterdam, Köln, Frankfurt.

It requires a 2 hours trip from Paris Saint Lazare station to Caen. The train frequency is approx. 1h30, see [SNCF website](#).

The Paris Saint-Lazare train station is connected to both Paris airports (Orly and Charles-de-Gaulle) by the train RER B. Coming from the airports, you should head for station 'Gare du Nord' where you should change to RER E with the direction Saint-Lazare. In the airport Orly a train shuttle Orlyval allows you reaching the RER B station. See [RATP website](#). Consider about 1h30 to reach the train station Paris Saint-Lazare.

By plane:

The Paris airports (Charles-de-Gaulle and Orly) are linked to European and international airports by all main airlines. Further travel to Caen is possible by rental car or by train (see map).

The local airport at Caen 'Caen-Carpiquet' can be reached from Lyon (St. Exupery) and Paris-Orly airports.

From Paris-Orly to Caen-Carpiquet the service is provided by Air France on Monday, Tuesday, Thursday, and Friday.

From Lyon flights are available on a daily basis .

A 15 minutes taxi ride allows to reach Caen downtown from the Carpiquet airport (Abbeilles Taxi : +332 31 52 17 89 [website](#)).

By Ferry Boat:

A ferry boat shuttle allows to reach Caen from the harbor Portsmouth in United Kingdom via Ouistreham (15 km from Caen). For details see [Brittany Ferries websiste](#).

How to reach the Conference Site and the hotels?

The Conference Site can be reached from the railway station by using the tramway within about 10 min.

At the railway station you should take the tramway direction 'Campus 2' (line A) or 'Hérouville' (line B).

The tramway stops close to the Conference Site are: St Pierre (recommended), Place de la Mare, Quatrans or Université. (see map, tramway represented by red line)

You may find more information about the Musée des Beaux-Arts de Caen on this [website](#) (in French).

Public transport possibilities in Caen can be found on the website of [Twisto](#).



Railway Station 

Several rooms have been reserved at a negotiated rate for conference attendees in hotels within walking distance of the conference site (see map below). Please contact directly the hotel to book rooms and referring the Nano-IBCT conference. The reservations are valid up to the 1st of September.



List of selected hotels with negotiated prices (including breakfast)

<p>BERNIERES * 10 single rooms: 45 €/night 50 rue de Bernières 14000 Caen tel.: (+33)2.31.86.01.26 fax: (+33)2.31.86.51.76 Email Website</p>	<p>SAINT ETIENNE * 7 single rooms: 45 €/night 4 twin rooms : 55 €/night 2 rue de l'Académie 14000 Caen tel.: (+33)2.31.86.35.82 fax: (+33)2.31.85.57.69 Email Website</p>	
<p>ASTRID ** 5 single room: 45 €/night 39 rue de Bernières 14000 Caen tel.: (+33)2.31.85.48.67 fax: (+33)2.31.85.99.50 Email Website</p>	<p>CHATEAU (Hôtel du) ** 5 single rooms: 50 €/night 7 twin rooms : 80 €/night 5 Avenue du 6 juin 14000 Caen tel.: (+33)2.31.86.15.37 fax: (+33)2.31.86.58.08 Email Website</p>	<p>QUATRANS (Hôtel des) ** 5 single rooms: 60 €/night 5 twin rooms : 68 €/night 17 rue Gémare 14000 Caen tel.: (+33)2.31.86.25.57 fax: (+33)2.31.85.27.80 Email Website</p>
<p>DAUPHIN BEST WESTERN *** 5 single rooms: 65 €/night 5 twin rooms : 110 €/night 29 rue Gémare 14000 Caen tel.: (+33)2.31.86.22.26 fax: (+33)2.31.86.35.14 Email Website</p>	<p>MERCURE Caen Centre Port de Plaisance *** 10 single rooms: 145 €/night 1 rue de Courtonne 14000 Caen tel: (+33)2.31.47.24.24 fax : (+33)2.31.47.43.88 Email Website</p>	

Hotels without negotiated rates :

<p>IBIS Caen Centre Single rooms: 85 €/night 6, place Courtonne 14000 Caen tel.: (+33)2.31.95.88.88 fax. (+33)2.31.43.80.80 Email Website</p>	<p>IBIS Caen Centre Paul Doumer Single rooms: 79 €/night 33 rue de Bras 14000 Caen tel.: (+33)2.31.50.00.00 fax. : (+33)2.31.86.85.91 Email Website</p>
---	---

More accommodations can be found on the Caen tourism office website.

Nano-IBCT Conference Committees

Conference chairs

Yann Gauduel (INSERM, Ecole Polytechnique, ENSTA, Palaiseau, France)

Bernd A. Huber (CIMAP, Caen, France)

Andrey V. Solov'yov (FIAS, Frankfurt, Germany)

International Advisory Committee

David Field (Aarhus University, Denmark)

Gustavo Garcia (CISC, Madrid, Spain)

Franco Gianturco (University La Sapienza, Rome, Italy)

Thomas Haberer (HIT Center, Heidelberg, Germany)

Bernd A. Huber (CIMAP, Caen, France)

Nigel Mason (Open University, Milton Keynes, United Kingdom)

Kevin Prise (Queen's University Belfast, United Kingdom)

Paul Scheier (University of Innsbruck, Austria)

Thomas Schlathölter (KVI, Groningen, The Netherlands)

Andrey V. Solov'yov (FIAS, Frankfurt, Germany)

MP1002 - COST Participants and Members of the Management Committee

Country	MC Member
Austria	Dr Stephan DENIFL
Belgium	Dr Emiliano D'AGOSTINO
Czech Republic	Dr Martin FALK
	Dr Marie DAVIDKOVA
Denmark	Prof. David FIELD
	Prof. Liselotte HOJGAARD
	Prof. Svend Aage ENGELHOLM
	Dr Nils Overgaard ANDERSEN
Finland	Prof. Harry WHITLOW
France	Prof. Bernd HUBER
	Dr Yann-Antoine GAUDUEL
Germany	Prof. Joachim ULLRICH
Hungary	Dr Bela SULIK
	Prof. Agnes VIBOK
Iceland	Prof. Oddur INGOLFSSON
	Mr Gardar MYRDAL
	Dr Peter VAN DER BURGT
Israel	Prof. Brenda LASTER
Italy	Prof. Francesco GIANTURCO
	Dr Lorenzo AVALDI
Netherlands	Dr Thomas SCHLATHOLTER
	Dr Ronnie HOEKSTRA
Poland	Dr Janina KOPYRA
	Dr Stanislaw PSZONA

Portugal	Prof. Ana PASCOAL
	Prof. Paulo LIMA-O-VIEIRA
Serbia	Dr Aleksandar MILOSAVLJEVIC
	Dr Zorica JURANIC
Slovak Republic	Prof. Stefan MATEJCIK
Spain	Prof. Gustavo GARCIA
	Prof. Rafael GARCIA-MOLINA
	Dr Jose M FERNANDEZ VAREA
	Dr Luis MENDEZ
Sweden	Prof. Dzevad BELKIC
	Prof. Karen BELKIC
United Kingdom	Prof. Kevin PRISE
	Prof. Nigel MASON
	Dr Frederick CURRELL

Local Organising Committee (CIMAP, Caen, France)

Lamri Adoui Sylvain Maclot
Alicja Domaracka Alain Méry
Bernd A. Huber Jean-Christophe Pouilly
Elie Lattouf Jimmy Rangama
Christiane Malot Patrick Rousseau

Contact

Correspondences should be addressed to the local office:

Christiane Malot

CIMAP
6 boulevard du Maréchal Juin
14050 Caen cedex 4
France



nano-ibct@ganil.fr