



XXII International Conference on Few-Body Problems in Physics

9-13 JULY 2018-Caen, France



SECOND CIRCULAR – FB22

As announced in our first circular last October, we will be hosting the next International Conference on Few-Body Problems in Physics – “FB22” – in Caen, France from 9 to 13 July. With this second circular we wish to encourage you to begin to make your arrangements to be with us in Caen this summer.

We note, that in addition to a very rich plenary and invited speaker programme, the conference schedule has been constructed to allow for a very large number of parallel session presentations and posters. A considerably reduced registration fee will be available for students.

CONFERENCE WEBSITE & CONTACT

All information relevant to the conference will be provided on the conference website as it becomes available:

<http://fb22-caen.sciencesconf.org>

Any inquiries should be addressed to us via the conference secretariat’s e-mail address:

fb22-caen@sciencconf.org

Please provide *a short and clear subject line* to your e-mail to facilitate the work of our secretariat.

ABSTRACT SUBMISSION

Abstract submission is now open on the conference website. You are requested to use the Latex or Word files provided to prepare your abstract (*1 page only*) which must be submitted in PDF format. Please take care to submit your abstract under the most appropriate category in order that it is reviewed by experts in the field. Unless you are a plenary or invited parallel session speaker, *do not* submit to this category – these submissions will not be reviewed and you will thus *not* be considered for oral or poster presentation.

Abstract submission will close on ***Friday 30 March***. We expect to inform you whether you have been selected for an oral or poster presentation by the last week of April. Posters will be displayed for the full week of the conference and be the object of a 2 hour dedicated session and reception on the Tuesday evening. Both contributed oral and poster presentations will be published in the conference proceedings.

The conference programme has been arranged to include around 110 contributed parallel session presentations. Up to 100 A0 size poster presentations can also be accommodated. As such we encourage you and your younger colleagues and students to submit an abstract.

REGISTRATION

Registration for the conference is now also open on the conference website using the CNRS Azur Colloque registration and payment system. When registering please take care to follow carefully the instructions. Most importantly once you have begun the registration process you must complete it fully – terminating the process before finalising it (ie., credit card payment made or invoice requested for the bank transfer) will result in an incomplete registration and it will not be possible to try to register again using the same e-mail address.

As noted on the registration webpage, *payment may be made via credit card (Visa or Mastercard) or by bank transfer*. The latter is recommended for French participants associated with CNRS laboratories. In the case of bank transfer your registration will not be taken into account until the transfer has been completed, which for international transfers may take up to 2 weeks.

The deadline for registration is **Monday 4 June**. Reduced registration fees are available for students. Early bird rates are available for both students and “full” registration. The registration fee includes the welcome drink, coffee breaks, reception, cocktail + banquet (including transport) and proceedings. The registration fee does not include lunches – the conference centre is close to numerous cafés, snack bars, brasseries and participants are free to make their own arrangements.

Registration is also available for accompanying persons at a cost of €80 which includes the welcome drink, reception and cocktail + banquet (including transport). This must be done as a separate registration to that of a conference participant.

	“Early Bird”	Regular	Late
Deadline	<i>2 March</i>	<i>18 May</i>	<i>4 June</i>
Full	€270	€370	€470
Student	€150	€180	€220
Accompanying Person	€80	€80	€80

Note that those registering as students may be requested to provide the name and contact address of their supervisor.

PROGRAMME

Following tradition FB22 will be an interdisciplinary conference covering few-body problems in diverse fields of physics – both from the theoretical and experimental points of views – including:

- Few-body aspects of atomic and molecular physics.

- Hadron physics and related high-energy physics.
- Strange and exotic matter, including hypernuclear physics.
- Few-nucleon systems including QCD inspired approaches.
- Few-body aspects of nuclear physics and nuclear astrophysics.
- Interdisciplinary aspects of few-body physics and techniques.

The conference's scientific programme will run over 5 days – 8:50 am Monday through to 5:45 pm Friday with a free afternoon on the Wednesday – and feature both plenary and parallel sessions (including invited lead-off talks and contributed papers) together with a dedicated poster session and reception. Posters will be made available for display for the duration of the conference in and around the areas used for the coffee breaks.

As noted, the conference programme has been structured so as to accommodate a large number of speakers while allowing ample time for discussions as well as social activities. Emphasis will be placed on plenary presentations which are accessible to the few-body community as a whole. The participation of the younger members of the community is strongly encouraged.

FADDEEV MEDAL

FB22 will also be the venue for the presentation of the *first Faddeev Medal*, which has recently been established jointly by the European (ERCFBP) and American (GFB) few-body communities. The award will include presentations by the two winners of the medal at a dedicated session on the Wednesday.

BANQUET

The conference dinner will be held on the Thursday evening at the “Grange aux Dîmes” of the “Domaine de la Baronnie” in Brettville-sur-Odon some 15 minutes drive from Caen. The Domaine was originally a medieval manor which has been restored – <http://www.domaine-baronnie.fr/>

The dinner will commence with a cocktail followed by a four course meal with wine as well as non-alcoholic beverages. Transportation will be provided from the conference centre to and from the Baronnie. When registering either as a participant or for an accompanying person we ask you to indicate via the registration menu if you have any *food allergies or are vegetarian etc.* We will do our best with the caterers to take these issues into account.

CONFERENCE SITE

The conference venue is the “*Centre de Congrès de Caen*” (Caen Convention Center) located very close to the centre of Caen (13, avenue Albert Sorel) – <https://www.caenevent.fr/centre-congres/>.

Caen itself is a city steeped in history, having been the seat of power of the Dukes of Normandy, most notably during the reign of William the Conqueror in the 11th century and the centre of the struggle for the liberation of France during the battle of Normandy in 1944. Despite the latter, many sites of historical interest remain, including William's castle fort in the centre of Caen, and the “Abbaye aux

Hommes” and the “Abbaye aux Dames”. Caen also hosts the “Memorial” Peace Museum and is close to many well-known attractions, such as Bayeux and its Tapestry, the Normandy Landing Beaches and Mont Saint Michel. [<http://www.youtube.com/watch?v=AmrCH0AhbDg&feature=youtu.be>]

ACCESS

The city of Caen lies some 230 km west of Paris which is served daily by most major airlines (Charles de Gaulle and Orly airports). Caen is easily reached from Paris by train (2 hour journey with trains every 1 to 2 hours from Paris St Lazare train station) and car (2 1/2 hour drive). Caen is served 3 times daily by air from Lyon (St Exupery Airport) which has connections to many European cities and some long haul destinations. Travel from the UK is also possible using the ferry service from Portsmouth (3 services daily, with a sailing time of some 6 hours) as well as direct air links (typically 4 times per week) from London (Southend Airport).

ACCOMODATION

Caen has a wide range of hotels with prices starting from around €60/night (single room) which may be easily booked via the usual web based booking sites. As the conference occurs at the beginning of the summer vacation period, we suggest that you book well in advance. We note that many of the well-known hotel chains (such as Accor and IHG) offer reduced rates for advanced pre-paid bookings via their own websites. Most of the hotels in the downtown area of Caen are within walking distance of the conference venue or easily accessible via public transport.

We are also discussing with the University of Caen the possibility of making available a block of low cost student rooms (shared facilities) on their downtown campus. More information will be made available on the conference website if such accommodation becomes available.

VISAS

Those participants who require visas to enter France must make the application themselves to the relevant French Embassy or Consulate.

We advise all those requiring visas to make their applications well in advance of the conference.

SPONSORS

The conference is supported financially by a number of local and national organisations: LPC-Caen, GANIL, IPN-Orsay, IN2P3/CNRS, CEA, UniCaen and Caenlamer. In addition, we have also received sponsorship from the IUPAP. As such, FB22 will be conducted in accordance with IUPAP principles. In particular, no bona fide scientist will be excluded from participation on the grounds of national origin, nationality, or political considerations unrelated to science.

PROCEEDINGS

Written contributions for all presentations including posters will be published in the conference proceedings. In order to expedite their publication, as well as minimise the costs, and hence the impact

on the registration fees, the proceedings will only be published electronically (we are currently in discussion with a number of publishers). All contributions will be refereed.

We look forward to seeing you in Caen next summer,
The Organising Committee

Nigel Orr (LPC-Caen) – Chair Local Organising Committee

Marek Ploszajczak (GANIL, Caen) – Chair Scientific Programme Committee

Jaume Carbonell (IPN-Orsay) – Chair International Advisory Committee

Miguel Marqués (LPC-Caen) – Scientific Secretary

Lynda Achouri (LPC-Caen)

Amine Cassimi (CIMAP, Caen)

Mario Gattobigio (INPHYNI, Nice)

Paul-Antoine Hervieux (IPCM, Strasbourg)

Ubirajara van Kolck (IPN-Orsay)

Rimantas Lazauskas (IPHC, Strasbourg)

Hervé Moutarde (IRFU, CEA-Saclay)

Jean-Marc Richard (IPN-Lyon)

