



Welcome to CIRM

Centre International de Rencontres Mathématiques

Marseille Luminy

General information booklet

www.cirm.univ-mrs.fr
twitter.com/_CIRM
youtube.com/CIRMchannel



A warm welcome from the Director



Patrick FOULON

“Leading research in an exceptional environment.”

CIRM : a breeding ground for talent, a mathematical melting pot!

CIRM (the *Centre International de Rencontres Mathématiques*) is a unique place. Situated right at the heart of the Parc des Calanques, a famous nature reserve on the French Riviera, the aim of the international Centre for Mathematics is to welcome researchers from around the world. Here scientists can work together, exchange ideas, share their knowledge and advance the key issues of our discipline. They can also develop ambitious projects with the other sciences and pass on their knowledge and findings to young researchers and doctoral students. CIRM is a breeding ground for talent, a mathematical melting pot.

A particular feature of CIRM is that it is a residential centre. At CIRM, a resident researcher lives in total immersion in his / her group, sleeping, eating and working in this one place. We believe this proximity to be conducive to fruitful exchanges. With CIRM's administrative and residential teams taking care of their needs, researchers can focus exclusively on their own projects.

Combining excellence in science with a quality venue

CIRM is jointly managed by the *Société Mathématique de France* and CNRS (*Centre National de la Recherche Scientifique*) in partnership with Aix-Marseille Université as well as the French Ministry for Higher Education and Research (*Ministère de l'enseignement supérieur et de la recherche*). CIRM was created over thirty years ago as one of the first centres for worldwide scientific meetings in this area. CIRM has served as a key element in the renowned French School of Mathematics. Its international research committee assures the quality of conferences and other research events organized here, thus maintaining the very highest level of research at the same time as offering the best residential facilities.

CIRM is a key partner in two *Laboratoires d'Excellence* (recent governmental schemes launched to promote excellence in French research): *CARMIN* is one of these initiatives, organized at a national level, while *ARCHIMEDE* is a local scheme. Through its participation in those two projects, CIRM can develop its scientific aims, be an international player and assert its strategic role and missions. CIRM is already a successful venue, welcoming nearly 3500 participants per year and growing. As it is increasingly solicited for conferences and meetings, new spaces have been created and/or renovated in ways that will respect the local environment. Quality is the key word in our residential offer.

This guide will help you discover everything that makes CIRM a quality venue.

Conference-goers, get your thinking caps on!



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CIRM, a unique residential venue for researchers

CIRM has a 95-seat lecture theatre, 5 meeting rooms, a large library (11 800 square feet), 3 seminar rooms and many desktop machines. A restaurant serving up to 100 guests at a time fulfills catering needs and is renowned amongst mathematicians and other guests for the quality of its food.

Accommodation is organized around 86 beds in 53 bedrooms (31 double rooms, 21 single rooms - of which 7 have a double bed and one is accessible to disabled guests and 1 triple room comprising 3 single beds), and 4 studio

apartments. Bedrooms are situated in two buildings: the *Bastide* and the *Annexe*.

A leisure room, where you can find a television, magazines and newspapers is situated next to the restaurant.

And finally, nature lovers will find that CIRM is surrounded by a park where leisurely walks can be taken, while the *calanques* and Mediterranean sea can be reached in 40 minutes on foot.



Some historical facts on CIRM

CIRM was created from 'the need to gather the best international specialists in the most diverse areas of mathematics and their applications in one place which is both welcoming and equipped with quality computational and documentary resources'. This worldwide-known research and conference centre was created in 1981 on the science-based Luminy university campus, on land charged with history, the cradle of this site.

CIRM celebrated its 30th anniversary in October 2011; an anniversary DVD can be downloaded on our website (www.cirm.univ-mrs.fr). This contains pictures of the events, videos of conferences etc.

History of the site of CIRM and Luminy



11th Century: the site was the property of the monks of St Victor's Abbey.

16th Century: the site becomes the property of the d'Ollières family. Wheat, olive groves, orchards and vineyards are grown here (wine is grown for the monks of St Victor).

1819 : the site is sold to the Fabre family, a wealthy shipping family from Marseille.

1950's : the *Bastide* is used for youth camps.

1966 : the university campus is built.

1242 : the site becomes the Mont-Sion Abbey and houses young noble women from Provence.

1945 : Luminy is taken over as a public property. A hospital is planned for the site.

1981 : the CIRM is created.

Library

Organized around modern, quiet and air-conditioned working areas, CIRM's library owns one of the richest collections of mathematics books in France. With over 30 000 books and periodicals and 1500 paper or electronic journals, all areas of pure and applied mathematics are represented. Readers can find on average 500 new acquisitions each year to keep up to date with the latest printed material.

Moreover, CIRM's library has its own unique treasures: a large collection of complete works, some material dating back to the 16th century right to the start of the 19th century, and a Russian collection of books on mathematics. Personal donations from illustrious mathematicians such as Gaston Julia, Szolem Mandelbrojt or André Adler have added to this rich collection. More recently in 2011, the late mathematician and computer scientist Philippe Flajolet left part of his own remarkable personal library to CIRM.

PRACTICAL INFORMATION :

- Outside opening hours to the public (8.30am-5.30pm) access to the library is with a key card issued at the time you collect your room keys.
- Material can only be read inside the library.
- A user booklet, as well as a guide to the collections, can be found at the entrance to the library.
- The website can be used to research titles in the catalogue as well as to access many data bases: <http://bibli.cirm.univ-mrs.fr>
- Two workrooms dedicated to small groups can be used by conference participants.
- **Contact/suggestions : bibli@cirm.univ-mrs.fr**



Work environment

Auditorium

The auditorium (lecture theatre) accommodates an audience of 95 and offers chalk boards as well as all audiovisual and computational equipment useful for conferences. In 2013, a central control room will be added, so as to film some of the conferences and create an international audiovisual library of films dedicated to mathematics.

An information on how to operate the equipment is available on site.

COFFEE BREAKS

Depending on conference timing, coffee breaks are either served right outside the auditorium or near the meeting rooms.



Meeting rooms

Situated at the foot of the *Bastide*, the *Annexe* building houses 3 rooms that can each accommodate up to 19 participants. Rooms 1 and 2 can however be converted into one large room for 50 people. All rooms are equipped with boards and video projectors.

The *Annexe* hall

This Hall is equipped with a black-board and can accommodate buffet lunches for around 100 guests.

The Chapel

Situated alongside the *Bastide*, an old chapel has been converted into a meeting room for 19 people.

The 'Billard room'

Situated at the centre of the park, this room can accommodate 19 people.

INFORMATION FOR USERS

Rooms are open from 8am, when keys can be retrieved from reception. At the end of the session, keys should be deposited in the box provided. Video and computing material must be booked at the time a room is reserved. You will find some lockable furniture in the rooms: please lock all equipment inside at the end of the session. Please also note that any damage to the rooms or their furnishings will incur repair and / or replacement costs, which will be charged to the laboratory or institution of the responsible person(s).



Work environment

Photocopying / Printing/ Fax / Scanner

Each conference group organizer is issued with a code which permits free photocopying. The photocopier is located on the 1st floor of the library. The library staff can also give you codes for photocopying, but note that this is not free. The photocopier is equipped with a scanner that enables you to send material freely by email. Two printers are available in the library. To find and install them on your machine look for 'bibli' (printer on the ground floor) and 'copieur' (upstairs). All printing is in black and white and can be double-sided. A3 format is available on the 'copieur' printer.



Computing and Internet

Both wire-based and wireless access is available at CIRM. All buildings are equipped with 'Wifi' (wireless access). The computer room is equipped with desktop machines and with connected cables for those using laptops.



IF YOU HAVE ANY DIFFICULTY, please contact Marie-Goretti DEJEAN, who is the Computer systems manager. Her office can be found on the first floor of the library. Please contact reception if she is absent.

IT Services : +33 (0)4 91 83 30 15

LOG-IN: use your mail address.

YOUR PERSONAL PASSWORD: will be sent to you when you register and are asked to create your own personal environment (the IT connexion will be available one hour after).

In case you forget or make a mistake:

Emergency login: your name

Emergency password : o&lmdpc

RECOMMENDATIONS:

- do not switch off or restart free access machines
- do not disconnect the network cables from the machines. If you need a cable, you can borrow one from IT services and return it to them or to reception on the day you check out.
- do not disconnect VGA cables in the conference room.

Different types of meetings available at CIRM

Conferences have a duration of one week and comprise between 40 and 90 people. Summer and winter schools are 4 to 6 weeks long and are attended mainly by young researchers and students (PhDs or second year Master's). Small groups are short-term workshops for under 19 participants. Research in pairs are for groups of 2 or 3 mathematicians who work together for 2 to 3 weeks. Thematic sessions are organized over one year around one main theme.

PAYMENT

All payments for accommodation and catering can be made on Tuesdays in cash or by cheque or credit card.



Your stay

Guest bedrooms

You will find exceptional accommodation at CIRM. The interior furnishings and decoration of each room have been designed with considerable care. You are therefore asked to respect this environment by taking care of it, not putting heavy objects on the desks or bedside tables, not hanging clothes or other personal items on lamps, etc.

Note that this is 'Mistral' country (a strong cold north-westerly wind).

For this reason, outside window shutters have been attached so that the wind doesn't break them. We therefore ask you to leave them open.

Laundry/ Cleaning

Cleaners come every morning. Towels are changed on Wednesdays.

Washing machines and dryers are available on the second floor of the *Bastide*, as well as on the ground floor of the *Annexe*.

SAFETY DEPOSIT

Rooms are equipped with a safe, in which we recommend that you lock your valuables when you move about the centre or outside. As everyone has to wear a badge around the centre and since it is equipped with 'digicodes', CIRM is relatively secure, but cannot be held responsible for personal items left in guests' rooms.

CHECKING OUT

Rooms must be vacated by 9am on the day of departure. A luggage room is available to store your bags.

Keys must be handed to reception.



Restaurant

The chef and his catering staff provide a varied cuisine based on traditional French cooking with a touch of Provençal colour. You shouldn't miss his famous, delicious *Bouillabaisse* on Thursday nights.

NB: the restaurant has a splendid wine cellar.

Menus can be adapted on demand for special dietary needs or allergies.

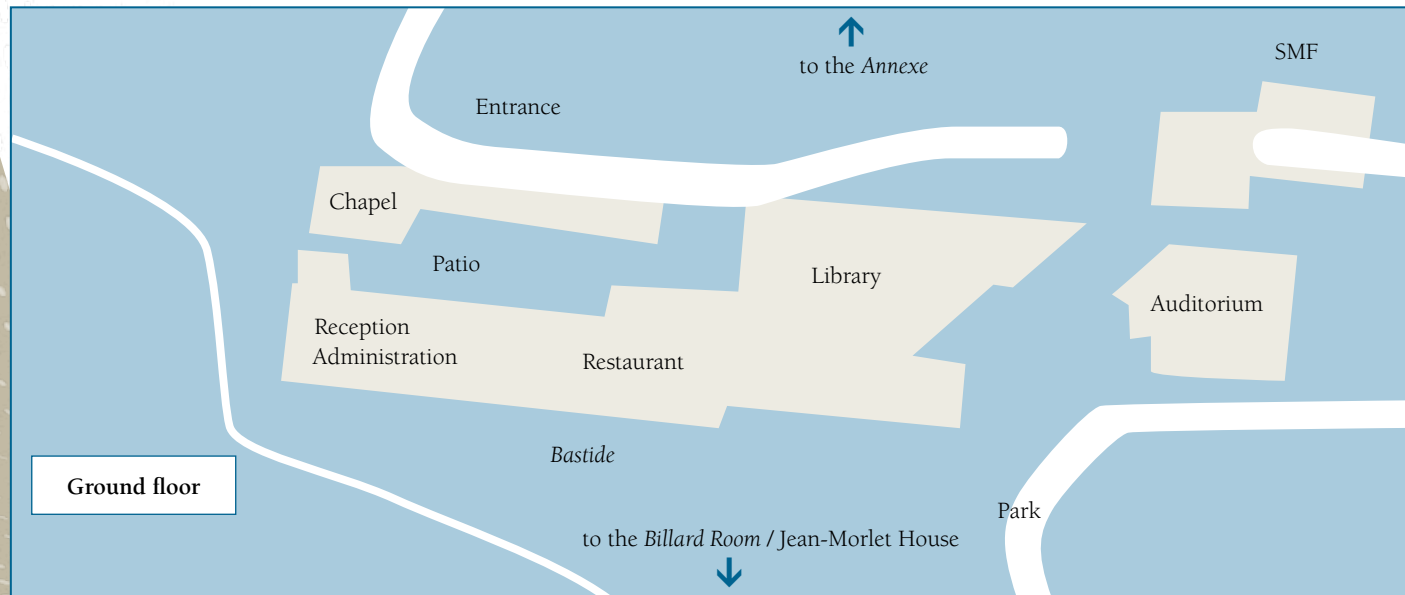
Want to have a walk outside and eat out? Picnic baskets can be ordered the night before from the catering staff.

MEAL TIMES

- Breakfast: 7-9am
- Lunch: 12.30pm
- Dinner: 7.30pm
(fixed times)



Map of the local area



The bedrooms are mainly situated on the first floor of the *Bastide* and the *Annexe* buildings.

Map of the Luminy Campus

Please note that works are taking place at the Luminy campus till 2015

During this time, pedestrian and car traffic is modified. Access to CIRM is also modified. Please check the itinerary on site.



- Pedestrian access during roadworks
- Pedestrian access after roadworks
- Ultimate access for vehicles

Leisure facilities

At CIRM

CIRM gives conference-goers access to leisure facilities for relaxation both indoors and outdoors.

- a TV and reading room where you will find French and foreign literature, regional guidebooks and tourist information, daily local and national newspapers, popular science magazines, etc.
- Sports and games : table tennis, *petanque* (boules), board games, playing cards etc.

Cycling

Bicycles can be hired at the *Maison des transports*
(5 mins from CIRM)

Tel. : +33 (0)4 91 26 21 80

TO HIRE A BICYCLE PLEASE BRING

- 1 copy of your student card/unemployed card to get a reduced rate
- 1 copy of your ID (ID card, passport or *carte de séjour*)
- 1 photo (not compulsory)
- A deposit of 230 euros (either by French cheque or cash).
- Rates : 10€ per week - 5€ a day

Walks

CIRM is 25 mins from a panoramic viewpoint overlooking the *calanque de Sugiton*, and 40 mins from the sea. A map can be borrowed from reception.

Warning: the paths are relatively easy by day but they nevertheless require proper walking shoes and must not be taken after sunset (cliffs!).



Visiting Marseille...

- **Bus/Metro:** to reach the city centre: by bus, lines 21 and 24 or 21 «Jet bus» (less frequent but quicker). The bus stop is situated at the entrance to the campus.
To get to the train station, remember to leave at least 45 mins: bus to the *Rond-point du Prado*, then by underground 'métro'.
Bus and metro timetables are available in the entrance hall.
- **Transport information:** www.rtm.fr
- **Taxis:** to call a taxi: +33 (0)6 15 56 79 39. You can also contact the 'Service des rencontres' to book one.
- **Everything you can see and do in Marseille:**
www.marseille-tourisme.com



BUYING MATERIAL ON MATHEMATICS

In June 1991, the *Société Mathématique de France* opened the *Maison de la SMF* in Marseille Luminy. Since then, it has developed its on-site activities by creating its own Unit in charge of advertising and selling publications.

A FEW WORDS ABOUT THE SMF

Founded in 1872, the **Société Mathématique de France (SMF)** is one of the oldest learned societies for mathematics in the world. As a non-profit association under French law, its aim is 'to further the development and the spread of pure and applied mathematics'.

Open to all mathematicians, whether amateurs or professionals, membership is made up of individual members as well as institutional members (research laboratories, libraries, institutions...). The association is governed by a Board of directors and by an Executive Board elected in accordance with the statutes and rules. Among the management bodies there are also a Scientific Advisory Committee and a Publishing Committee.

Contact and orders:

Société Mathématique de France
Maison de la SMF - Cellule de diffusion
Case 916 - Luminy
13288 Marseille Cedex 09, France
Tel. : +33 (0)4 91 26 74 64
Fax : +33 (0)4 91 41 17 51
smf@smf.univ-mrs.fr

To consult our catalogue and to order online:
<http://smf4.emath.fr/CatalogueCommandes/>

Opening hours

The 'Maison de la SMF' is open to the public everyday from 2PM to 3.30PM.
There is also a weekly stand in the hall next to the auditorium.

THE REFERENCE IN MATHEMATICAL PUBLISHING

SMF has published about mathematics ever since it was created. It caters for the international mathematics community. *Astérisque*, the *Revue d'Histoire des Mathématiques*, *Documents Mathématiques* or *Bulletin et Mémoires* are just some of the many facets of mathematics that SMF chooses to celebrate. The quality of its selected material ensures its long-term influence: SMF reviews and books are universal reference material, still quoted decades after their first publication.



Telephone

Two phone boxes are available in the centre: one at reception and one in the *Annexe*. Phonecards can be bought from a dispenser next to the hot drinks machine (by the entrance to the restaurant).

Local shopping and amenities

A supermarket is situated 10 mins away by bus from the CIRM (line 21). CIRM is equipped with vending machines for drinks, snacks and toiletries. In the Science faculty hall (5 mins on foot) you will find a Tobacconist and a Newsagent. A cash machine (ATM) can be found at the faculty entrance. The restaurant at CIRM sells local products: wines, soap from Marseille etc. Postcards are on sale at CIRM and post can be sent by asking at the library.



Practical information

Transportation : arrival and departure to Marseille

- **By plane**

visit www.marseille.aeroport.fr

- **Travelling between Marseille and the airport by coach**

From Marseille to the airport departing from *Gare St Charles*

Tel: +33 (0) 4 91 50 59 34

(shuttle every 20 mins from 04.30 hours to 23.30 hours)

Single rate : 8,50 €

(reduced rates for children, groups or season tickets) can be bought on the internet at www.navettemarseilleaeroport.com

- **From the airport to Marseille**

Tel: +44 (0)4 42 14 31 27

(shuttle every 20 mins from 05.10 hours to 00.10 hours)

Outside these times, there is a service coinciding with the arrival time of certain flights.

Average trip: 25 mins direct on the motorway.

- **Travelling between CIRM and the airport by taxi**

Tel: +33 (0)6 15 56 79 39

Note that you can also book a taxi by asking reception.

- **By train to Gare Saint-Charles**

visit www.sncf.com

Car rental from the train station, 7 days a week

AVIS - Tel: 0 820 61 16 36 - www.avis.fr

HERTZ - Tel: +33 (0)4 91 05 51 20 - www.hertz.fr

NATIONAL CITER - Tel: +33 (0)4 91 05 90 86 - www.citer.fr

EUROPCAR - +33 (0)4 91 50 12 76 - www.europcar.fr

- **To reach CIRM from the SNCF train station *Gare St Charles* or from the city centre of Marseille:**

By bus, lines 21 and 24 or 21 «Jet bus» (less frequent but quicker).

The bus stop is situated at the entrance to the campus.

To get to the train station, remember to leave at least 45 mins: bus to the *Rond-point du Prado*, then by underground 'métro'.

Transport information: www.rtm.fr



Nearest medical facilities

• Pharmacies

- Pharmacie Du Redon [1.26km away]
288, bd Redon / Tel: +33 (0)4 91 41 19 23 - +33 (0)4 91 41 02 36
- Pharmacie Pueyo [1,64km away]
83, bd Redon / Tel: +33 (0)4 91 41 24 65
- Pharmacie Valmante [2,10kms away]
151, traverse Gouffonne / Tel: +33 (0)4 91 41 24 65

• General Practitioners / GPs - Doctors

- Dr Michel Paolino [1,21km away]
Centre Médical Clairval 317 bd Redon / Tel: +33 (0)4 91 17 17 22
- Dr Hervé Bouvier [1,28km away]
Villa 6 - 267, bd Redon / Mobile number +33 (0)6 07 62 29 91
- Dr Régis Hubert / Dr Catherine Autric [1,45km away]
128, chemin Jean Roubin / Tel: +33 (0)4 91 41 81 07

• Dentist

- Medical centre/surgery :
124, chemin Jean Roubin / Tel: +33 (0)4 91 41 39 92

• Osteopath

- Dr Aurélie Vermersch [1,79km away]
83, bd de Redon, Bât A La Rouvière / Tel: +33 (0)4 91 41 54 26

• Contacts at CIRM

- Reception and Events teams: +33 (0)4 91 83 30 00
- Library : +33 (0)4 91 83 30 14/16
- IT services : +33 (0)4 91 83 30 15



Practical information



EMERGENCY TELEPHONE NUMBERS

- **15** : SAMU – Emergency doctors
- **17** : Police
- **18** : Fire Brigade (call 112 from a mobile phone)
- **Anti-poison centre:** +33 (0)4 91 75 25 25
- **SOS Médecins:** +33 (0)4 91 52 91 52
- **CIRM emergency number:** +33 (0)6 18 33 36 69
(outside Reception opening hours)