

Call for Proposals

The CRM (*Centre de recherches mathématiques*) is soliciting applications for scientific activities taking place at the CRM. The proposals are divided in two categories: the thematic semesters, of a duration of about six months, and the workshops, conferences or schools, whose duration can vary from a couple of days up to two weeks.

Workshop, Schools and Conferences

The proposal for workshop, schools or conferences must be received by the CRM at least one year before the date proposed for the event. In exceptional cases, this deadline can be reduced to six months. The proposals must include:

- A description of the event. The description must emphasize the goals, the background, and the timeliness of the event, as well as the formation activities for graduate students and postdoctoral fellows (approximately 3 – 5 pages);
- A tentative list the principal invited speakers;
- Some proposed dates for the event;
- The composition of the organizing committee, with the names, affiliations and curriculum vitae of the committee members.

All the documents must be sent to the CRM director by email at: director@crm.umontreal.ca.

Thematic Semesters

The deadlines for proposals for thematic semesters are March 15 and September 15 of each year. The thematic semesters take place from January 1 to June 31 (for the Winter Semester), and from July 1 to December 31 (for the Fall Semester). The applications must be submitted to the CRM at least 18 months before the beginning of the semester. The scientific activities of each semester typically include workshops, conferences and schools; some funds are also allocated to support postdoctoral fellows, short and long-term visitors and two Aisenstadt chairs. All propositions will be examined by the direction of the CRM and the International Scientific Advisory Committee which will evaluate the quality of each proposal: the scientific foundations, the pertinence and timeliness of the proposal, the main mathematical challenges and conjectures, etc. If the program is accepted, the members of the organizing committee will be in charge of the organization of the thematic program, in collaboration with the director and the CRM personnel which will be present at every step of the organization of the semester, including for the applications for external funding. The CRM also include ten scientific laboratories which sometimes participate actively in the organization and financing of the thematic semesters.

Organizing Committee. The organizing committee will be formed by members of the Canadian and international mathematical community. Ideally, at least one member of the organizing committee will be chosen among the local mathematical community.

Scientific Activities. The scientific activities of the thematic semester should include at least three five-days workshops. The organizers are also encouraged to organize a school aimed primarily at postdoctoral fellows and graduate students at the beginning of the

theme semester. Between the concentration periods of the workshops and the schools, the thematic semester should include scientific activities involving the long-term visitors, like weekly seminars, research workshops, mini-courses, graduate courses etc. The formation activities specially aimed at graduate students and postdoctoral fellows should be described in the application.

Aisenstadt Chairs. The Chair allows to welcome in each of the thematic programs two or three world-famous mathematicians for a one-week to a one-semester stay. The recipients of the Chair give a series of conferences on set subjects, chosen because of their relevance and impact, within the thematic program, the first of which, in compliance to the donor André Aisenstadt's wish, must be accessible to a large public. They are also invited to write a monograph in the CRM Monographs Series distributed by the American Mathematical Society.

Long-Term Visitors and Postdoctoral Fellows. A tentative list of long-term visitors should be submitted with the application. Each semester will also host several postdoctoral fellows. The duration of the postdoctoral fellowships associated to the theme semester can vary from six months to a year.

Publications. The organizers are encouraged to present some projects to be published in the series "CRM Monographs Series" or "CRM Proceedings & Lecture Notes" published by the American Mathematical Society.

Funding. The organizers are strongly encouraged to apply for other sources of funding for their thematic program, for example through the National Science Foundation (NSF) or the Clay Mathematical Institute. They will receive full support from the direction of the CRM in applying to these grant agencies.

A proposal for a thematic semester at the CRM should include:

- The title and a general description of the thematic program, with the proposed dates. The description must emphasize the background, the goals, the scientific value and the timeliness of the event. The formation activities for graduate students and postdoctoral fellows should also be stressed out. This is the most important part of the proposal (approximately 5 pages);
- A list of the proposed scientific activities, in particular a description of each workshop and school (title, organizers, time frame, scientific program, main speakers);
- A preliminary list of the long-term visitors;
- Some propositions for the Aisenstadt chairs;
- The composition of the organizing committee, with the names, affiliations and curriculum vitae of the organizers.

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