

**WELCOME TO ACA 2009**

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Dear colleagues,

It is our pleasure to welcome you to the 15<sup>th</sup> International Conference on Applications of Computer Algebra (ACA 2009).

As the local organizing committee, we wish to express our gratitude to the speakers, the program co-chairs and all the members of the program committees. We would also like to thank the following people for their contribution to the success of ACA 2009.

Danielle Bouthot, our webpage designer and computer wizard  
Gilles Fontaine, who made our job easier by dealing with many local logistics problems  
Martine Guertin, for taking care of some of the grunt work  
Sylvain Huneault and Georges Tremblay, our wonderful multimedia people

Many thanks go out to our University's administration for their support. In particular, we would like to thank Claude Olivier, Director of Academic Affairs and Executive Director, for accepting our invitation to give the opening address.

Thanks to all those persons whose names do not appear here but who contributed to the organization of ACA 2009.

Finally, our gratitude goes out to our sponsors for their contributions: École de technologie supérieure (ÉTS), COOP ÉTS, MathWorks, International Association for Mathematics and Computers in Simulation (IMACS), Éditions du nouveau pédagogique (ERPI), Wiley, Pearson and Maplesoft.

Have a wonderful conference!

Michel Beaudin, Gilles Picard and Kathleen Pineau



Michel Beaudin, Kathleen Pineau and Gilles Picard  
Photo by Michael Wester, ACA 2001  
Near Socorro, New Mexico

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**BRIEF HISTORY OF THE ACA SERIES**

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The 1<sup>st</sup> International IMACS Conference on Applications of Computer Algebra was held in 1995 at the University of New Mexico in Albuquerque, New Mexico, USA. IMACS stands for "International Association for Mathematics and Computers in Simulation". Since 2001, the conference retains only the title "Applications of Computer Algebra". This conference is an annual meeting devoted to promoting the applications and development of computer algebra/symbolic computation. Topics include computer algebra/symbolic computation in engineering, the sciences, medicine, pure and applied mathematics, education, communication and computer science among many others.

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**INFORMATION AND GENERAL REMARKS**

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**Identification badge**

Your conference materials include your personal identification badge as well as badges for your guests. The delegate's badge is, in fact, a magnetic card. You need this card to have access to the computer labs (rooms B-2402, B-2404 and B-2406), the faculty lounge (B-4502), the meeting room (B-4404), and the ÉTS sports facilities (B-3009), locker rooms (B-3506 or B-3516), and showers. Your magnetic card is also required when getting coffee break refreshments and lunches.

**Conference Desk**

A Conference Desk will serve as the information centre of ACA 2009, where delegates can pick up their conference documents and get information.

Conference Desk location:            Wednesday, June 24, Lobby of building B  
   Thursday, June 25, 7:45 to 10:45, near Nortel room A-1600  
   Thursday, June 25, after 10:45, room B-4418  
   Friday to Sunday, June 26-28, room B-4418.

Conference Desk opening hours:   Wednesday, June 24, from 17:00 to 19:00  
   Thursday, June 25, from 7:45 to 17:30  
   Friday, June 26, from 7:45 to 12:30  
   Saturday, June 27, from 8:00 am to 17:00  
   Sunday, June 28, 8:00 to 12:30

**Information distribution**

A Message Board is set up near the Conference Desk for dissemination of information of possible interest to delegates.

A person wishing to display information or leave a message can do so at the Conference Desk during the hours that the desk is open. These messages will be posted on the Message Board. However, staff at the desk will try to locate a participant in the event of an emergency.

**Email services**

Email and internet access is provided in computer labs B-2402, B-2404 and B-2406. You will need your magnetic card to have access to these rooms. For access to **computers in labs**:

compte d'utilisateur (username): ACA2009  
mot de passe (password): ACA2009  
domaine (domain): ENS (by default)

For **wireless** access at ÉTS, connect to Network ETS-PUBLIC:

compte d'utilisateur (username): wifi-SEG@etsmtl.ca  
mot de passe (password): seg-E2009

**Meeting rooms**

Meeting room B-4404, when not occupied, as well as rooms B-4410, B-4416 and the faculty lounge, B-4502, can be used by delegates for impromptu meetings and discussions at any time during the conference.

**Exhibits**

All conference delegates are encouraged to visit the MathWorks booth. You will find it in the same room as the Conference Desk, B-4418.

**Photocopies**

Inquire at the Conference Desk about photocopying possibilities.

**Sports Facilities**

Your magnetic card will give you access to ÉTS's Sports Facilities (B-3009), locker rooms, and showers (B-3506 or B-3516). If you choose to use the facilities, bring a lock and a towel. The sports facilities are indicated by "Service des sports" on the building B third floor plan of the Maps section.

**Presentation support**

Each conference room has a computer (Pentium class, Windows XP), a projector (1024x768), Internet access, and all the necessary laptop to projector connections.

Technical support will be more easily accessible on Thursday and Friday than on Saturday and Sunday. Speakers are therefore encouraged to test their material (rooms B-4410, B-4416 can be used) before the weekend.

ViewScreens for Voyage 200 and TI Nspire, as well as a traditional transparency projector are also available.

The following software is available on all computers: Derive 6.1, Maple 12, Matlab 2008, Mathcad 2001 Pro, DPGraph, Microsoft Office 2007 (French version), Statgraphics Centurion, Mozilla Firefox 3, Voyage 200 emulator and Acrobat reader 9.

For any information concerning technical questions, contact Gilles Picard by phone (see below) or by email at [gilles.picard@etsmtl.ca](mailto:gilles.picard@etsmtl.ca).

### Contact information

In the event you need more information about ACA 2009 than the Conference Desk staff is able to provide, contact the following persons:

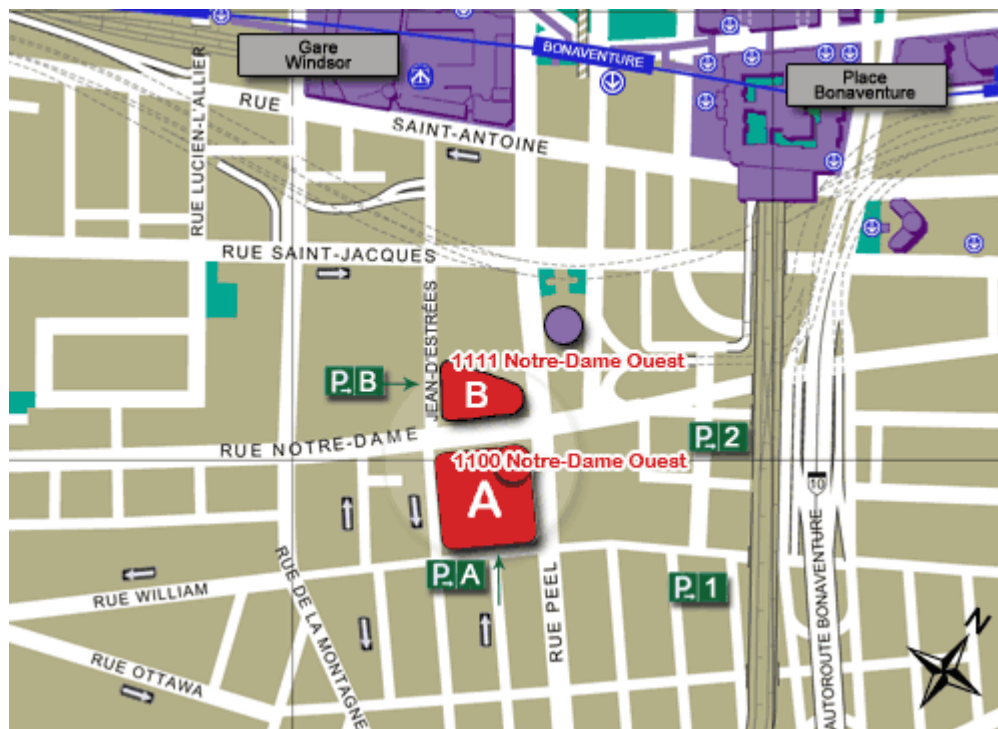
for general information	Michel Beaudin	office room number B-2532 tel.: 514-396-8511 (office) 514-932-7098 (home)
	Kathleen Pineau	office room number B-2556 tel.: 514-396-8614 (office)
for technical support	Gilles Picard	office room number B-2530 tel. : 514-396-8500 (office) 514-833-7447 (cell)

## MAPS

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### Area Map of venue

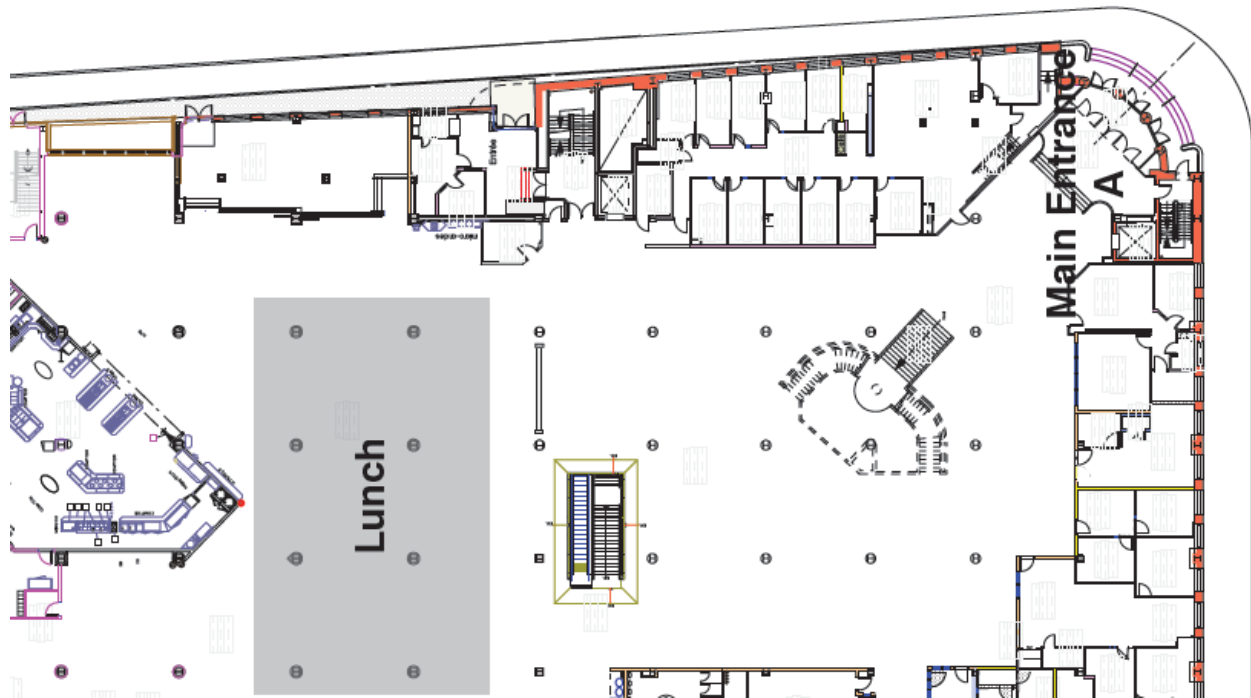
The ACA 2009 conference will be held at École de technologie supérieure (ÉTS) situated at the corner of Notre-Dame and Peel streets in downtown Montreal.



### Building A, ground floor and first floor

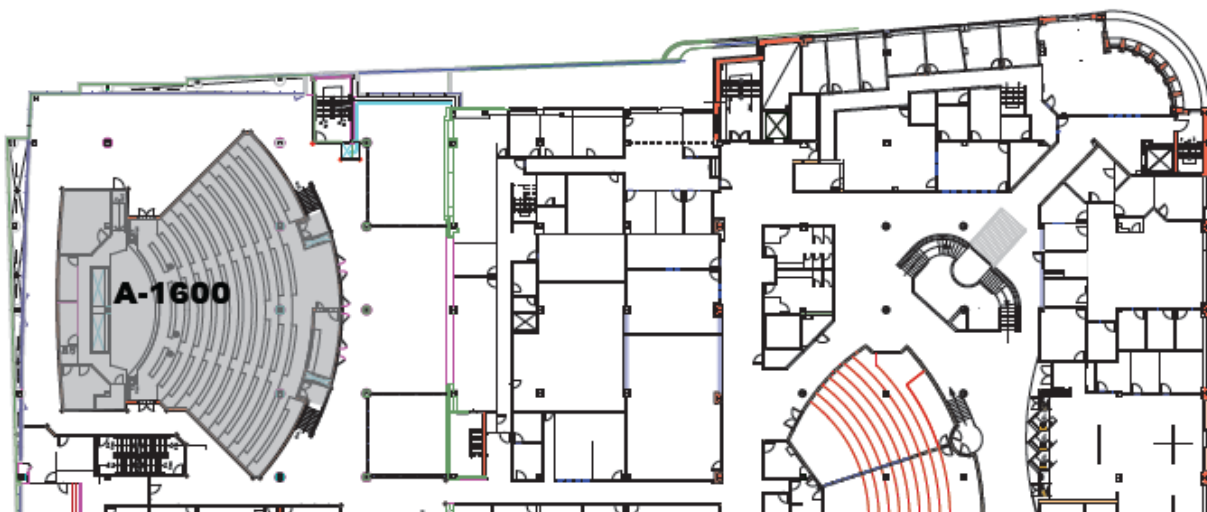
Lunch on Thursday and Saturday will take place in a reserved area of the University cafeteria situated on the ground floor of building A, 1100 Notre-Dame street West.

← Notre-Dame street →



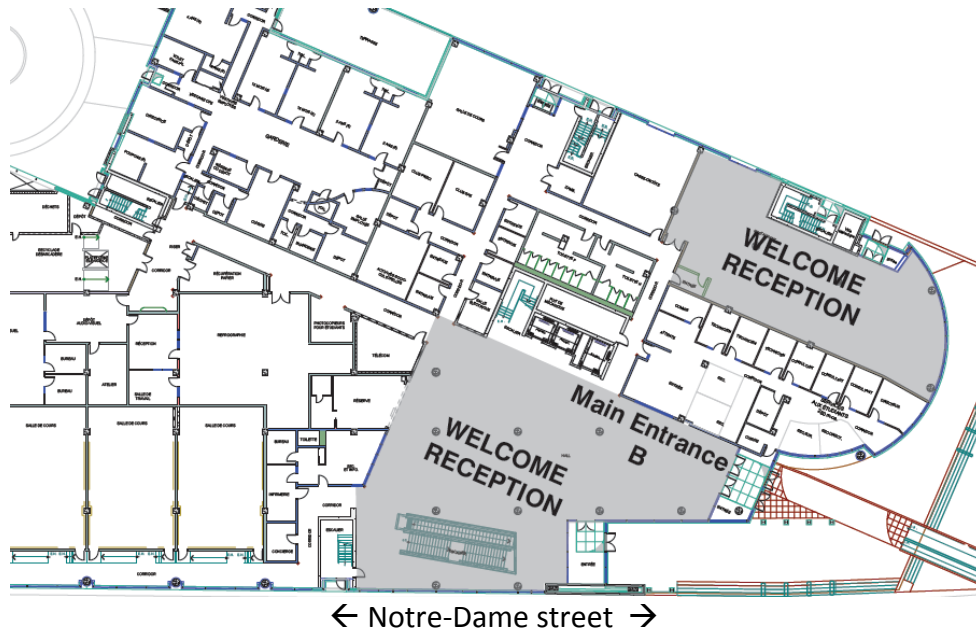
The conference opening ceremony will be held in the Nortel auditorium (A-1600) situated on the first floor of building A.

← Notre-Dame street →



**Building B, ground floor and second floor**

The Welcome Reception will be held in the lobby and Pub of building B, 1111 Notre-Dame street West.



Computer labs and two conference rooms are situated on the second floor of building B.



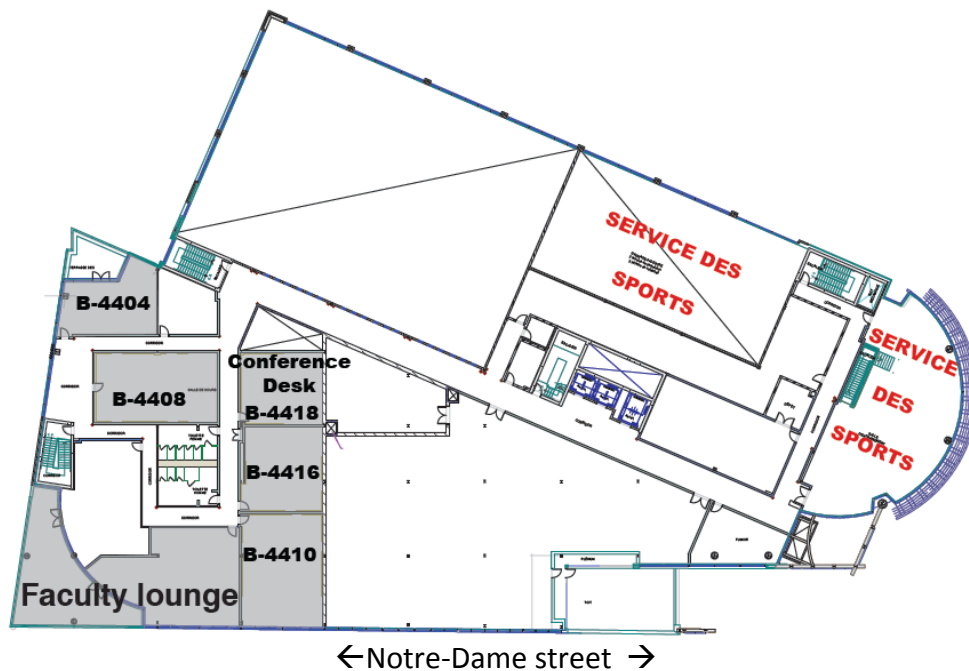


**Building B, third and fourth floors**

The sports facilities (Service des sports) and two conference rooms are situated on the third floor of building B.



The Conference desk, Faculty lounge and many conference rooms are situated on the fourth floor of building B.



## SOCIAL EVENTS

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### Pre-registration and Welcome Reception

A Welcome Reception will be held Wednesday, June 24<sup>th</sup>, from 17:00 to 19:00. The conference desk will be set up in the lobby of building B (1111 Notre-Dame street West) where delegates can pick up their conference documents and get information. Delegates will then be invited to join their colleagues at the University Pub for cocktails.

### Optional Friday Excursion

Two activities in Montréal are offered for Friday, June 26<sup>th</sup>, 2009. When you registered for ACA 2009, you indicated which excursion you wanted to take, if any, and your excursion fee was added to your registration fee. You will find the ticket for your choice of excursion in your conference pack. Your excursion ticket is required as proof of registration to the outing.

There are a few places still available to join one of the walking tours. Information on possibilities to join a tour is available at the Conference Desk.

#### ***Lunch and walking tour of Chinatown (35\$)***

Contact: Kathleen Pineau

We meet at 12:35 in front of building B

We leave ÉTS on foot at 12:45 to explore Chinatown with a professional guide. We meet in front of building B, 1111, Notre-Dame St. West, at 12:35. We regret that we cannot wait for latecomers. Latecomers will not be reimbursed.

This tour starts with lunch where you will discover Chinese knowhow while tasting traditional dishes and Dimsum. The guide will then take you on a walking tour of the neighbourhood. Discover the history and specificities of this ethnic group that has contributed to the cultural heritage of this country. You will visit places of cultural significance: Buddhist temple for devotions, worship store for objects associated with chance and ancestry, herbalist, grocery store, etc. Chinese religious rituals, family and social traditions will be the overarching themes of this tour.

Lunch is included in the cost of this tour. Vegetarian menus or menus for those with food allergies are available. You will have indicated any special needs of this sort when registering. Nonetheless, please bring this to the attention of the tour guide.

The tour ends approximately at 16:30 pm.

#### ***Walking tour of Historical Old Montréal (15\$)***

Contacts: Michel Beaudin and Gilles Picard

We meet at 14:20 in front of building B

We leave ÉTS on foot at 14:30 pm to explore Old Montréal with a professional guide. We meet in front of building B, 1111, Notre-Dame St. West, at 14:20. We regret that we cannot wait for latecomers. Latecomers will not be reimbursed.

From the founding of Ville-Marie to today's metropolitan reality, discover the important historical events and transformations of Montréal's oldest borough. Learn some of the secrets of Montréal's historical neighbourhood which is rich in history, architecture and monuments.



This tour concludes approximately at 16:30 pm near the Notre-Dame Basilica which you can choose to visit on your own.

**Walking tours will take place rain or shine.** Wear comfortable walking shoes and a smile.

### Banquet dinner

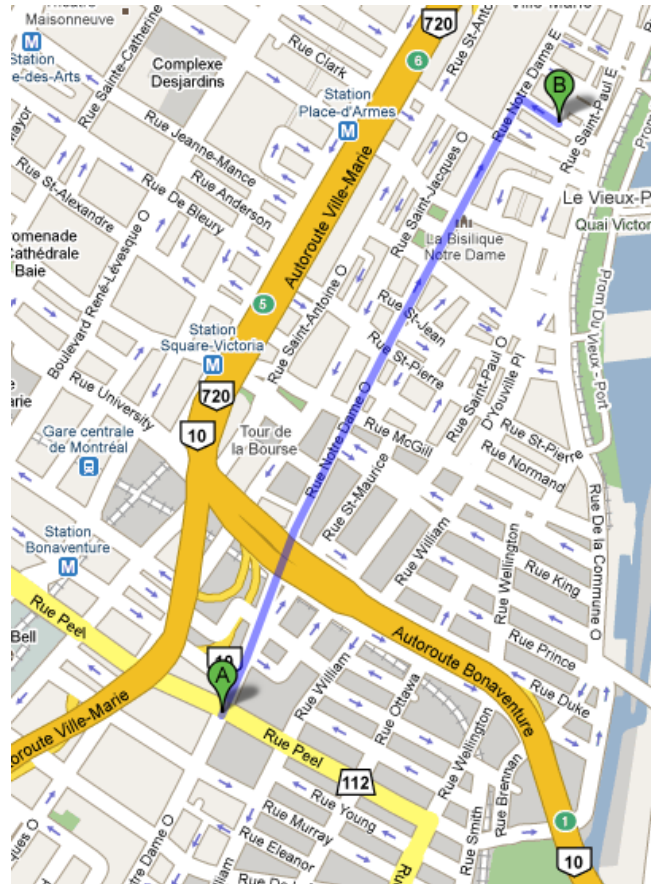
The banquet dinner will be held on Saturday, June 27<sup>th</sup>, 2009 at the restaurant, **Auberge Saint-Gabriel**, in Old Montréal. The restaurant is a 15 to 20-minute walk from ÉTS and is situated at 426 Saint-Gabriel street.

The cocktail preceding the banquet dinner will start at 18:30 pm. Cocktail and dinner will take place in the Grenier room of the Auberge.

Sorry, the banquet room is not wheel chair accessible.

Vegetarian menus or menus for those with food allergies have been planned for those who have indicated such needs when registering. Simply make yourself known to the staff. Be aware that special menus are available to you IF AND ONLY IF YOU mentioned it when registering for ACA 2009.

A: École de technologie supérieure, venue.  
B: Auberge Saint-Gabriel, 426 Saint-Gabriel.



### Lunch on Thursday and Saturday

Registration fees cover lunch on Thursday and Saturday.

A coupon for lunch on Thursday is in your conference pack. You must hand it in to the cashier at the cafeteria in order to pay for lunch.

As the cafeteria is closed on Saturday, a buffet lunch will be provided. You will need your conference badge in order to be served.

For any questions you may have concerning the social aspects of ACA 2009, inquire at the Conference Desk or contact Kathleen Pineau at (514) 396-8614 or [kathleen.pineau@etsmtl.ca](mailto:kathleen.pineau@etsmtl.ca).