

II MACI 2009

FIRST
ANNOUNCEMENT

Second Conference on Applied,
Computational and Industrial Mathematics
December 14-16, 2009
Rosario, Argentina

Hosted by:

ASAMACI — Asociación Argentina
de Matemática Aplicada, Computa-
cional e Industrial

AR-SIAM — Sección Argentina de
SIAM (Society for
Industrial and
Applied
Mathematics)



Departamento
de Matemática,
FCE, Universidad Austral
Rosario, Argentina



Departamento de
Matemática, ECEyN
FCEIA, Universidad
Nacional de Rosario
Rosario, Argentina



More info at:

E-mail: maci2009@austral.edu.ar

Webpage:

<http://asamaci.unsl.edu.ar/maci2009>

Conference Topics

Bio-mathematics
Computational Mechanics
Differential Equations and Applications
Discrete Mathematics and Applications
Dynamical Systems
Numerical Methods and Applications
Free Boundary Problems and
Applications
Heat and Mass Transfer
Image and Signal Processing
Industrial Mathematics and Applications
Interdisciplinary Mathematical Models
Inverse Problems and Applications
Mathematical Economics
Mathematical Problems in Continuum
Mechanics
Optimal Control Theory and
Applications
Optimization Theory and Applications
Probability, Statistics and Stochastic
Processes
Quantitative finance

All researchers, academics, graduate stu-
dents, senior undergraduate students, and
post-doctoral fellows studying Mathematics,
Physics, Chemistry, Economics, Finance and
Engineering and other branches of Science
are invited to participate in this conference.

Short Courses

It is planned that the conference will organize
short courses on Quantitative Finance, Mathe-
matical Models, Numerical Analysis, Differen-
tial Equations, Optimization in Economics,
Signals, Control and Applications

Student Poster Competition

A student poster competition will be organized
for advanced undergraduate and graduate
students.

Financial Support

Graduate students, recent PhD's and AR-
SIAM / ASAMACI members are encouraged to
apply for financial support if it were necessary
to ensure their participation.

Deadlines

Deadline for (two-page) paper submissions:
Notification of Acceptance/Rejection:
Pre-registration:

August 15th, 2009
September 30th, 2009
October 31th, 2009

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Organizing Committee

Carlos D'Attellis , Univ. Favaloro - UNSAM, Buenos Aires
Pablo Jacovkis, UBA, Buenos Aires
Ma. Cristina Maciel -UNS, Bahía Blanca
Sergio Preidikman , CONICET - UNC, Córdoba
Diana Rubio, UNSAM, Buenos Aires
Rubén Spies, IMAL (CONICET - UNL), Santa Fe
Juan Santos, CONICET-UNLP, La Plata
Domingo Tarzia, CONICET - UA, Rosario
Cristina Turner, CONICET - UNC, Córdoba

AR-SIAM (Sección Argentina de SIAM - Society for Industrial and Applied Mathematics (USA)) and ASAMACI (Asociación Argentina de Matemática Aplicada, Computacional e Industrial) organize the Second Conference on Applied, Computational and Industrial Mathematics (II MACI 2009).

Professionals coming from Academy, Industry and Companies, inspired by the mission and the conviction that Applied, Computational and Industrial Mathematics plays an important and ever increasing role in the advancement of Science and Technology, meet every two years at this Conference to interchange new ideas and learn about diverse and innovative applications of Mathematics..

The main purposes are:

To provide a forum for the discussion and enhancement of Applied Mathematics in the region.

To promote the application of Mathematics in Science, Engineering, Computational Science, Industry and Technology.

To encourage and endorse activities for the enhancement and promotion of the education of Applied Mathematics at both undergraduate and graduate levels.

To promote basic research and education in Mathematics, supporting, promoting or leading to applications in industry and science.

To provide media for the exchange of information and ideas between mathematicians and other technical and scientific personnel.

To promote interdisciplinary research between different disciplines of Science and Engineering in areas involving Mathematics.

To promote the interest in Applied Mathematics among all disciplines of Science and Engineering.

Local Organizing Committee

Domingo A. Tarzia (Chair)
Laura S. Aragone (Vice-Chair)
Elina M. Mancinelli (Secretary)
Eduardo A. Santillan Marcus (Secretary)
Ma. Cristina Sanziel – Mariela B. Cirelli (Treasurers)

Committee members

Ma. Soledad Aronna
Graciela G. Garguichevich
Mariela C. Olguín
Gabriela A. Reyero
Adriana C. Briozzo
Ma. Fernanda Natale
Lisandro Parente
Natalia N. Salva

About the City of Rosario :

Located $32^{\circ}57'04''S$ and $60^{\circ}39'59''S$, in the Province of Santa Fe, 300 km North-West of Buenos Aires and with a population of more than 1 million people, Rosario is one of the main urban centers of Argentina. Its geographically strategic location places Rosario in a privileged site, in the middle of one of the most important farming, industrial, cultural and tourist areas of Argentina. The famous Paraná River runs through it, providing Rosario with one of Argentina's largest ports, where, due to the river's excellent navigability conditions, large international ships arrive every day. The city limits to the North with Ludueña stream and to the South with Saladillo stream, both crossing Rosario from West to East. The geographical relief is a flat plain; temperatures are moderate ranging from $18^{\circ}C$ to $32^{\circ}C$ from October to April, with peaks than can exceed $37^{\circ}C$ in January-February. The City is connected to the rest of the Country by multiple roads as well as state and national freeways and an International Airport. Rosario also offers a very interesting touristic infrastructure with several historical sites which maintain intact the architectonic styles from the beginning of the 20th Century. The Flag's National Monument ("Monumento Nacional a la Bandera") is a good starting point for a walk through downtown. The tourist resort of Costa Alta y Embarcadero provides a beautiful place for long walks by the river at sunset. The Park of Independence ("Parque de la Independencia") and Florida Beach are two more of the many preferred touristic attractions. Rosario is known for having one of the most fascinating nighttimes of the Country, ideal for enjoying pleasing moments at different bars, pubs and discos. The City, which has been the cradle of several of the Country's greatest artists, is chosen for many of them to present their works and crafts, putting forward a wide variety of cultural scenes and the best of Argentina's artistic production.