



International Mediterranean Congress of Mathematics Almería 2005

University of Almería, June 6-10, 2005

2nd announcement

www.ual.es/congresos/CIMMA2005

Presentation

The organizing committee is pleased to invite you to participate in the "International Mediterranean Congress of Mathematics Almería 2005" (CIMMA 2005), which will be held at the University of Almería (Spain) from June 6 to 10, 2005.

The conference is linked with the "XV Mediterranean Games Almería 2005", which will take place from June 24 to July 2, 2005. Like this major sports event, the conference intends to bring together mathematicians from the Mediterranean countries and from all over the world in order to establish new links within the mathematical community and to demonstrate the importance of mathematics in our modern societies.

The scientific program of the conference will consist of three plenary lectures and

several thematic sessions organized and supported by research groups of our university covering many active areas of mathematics.

Almería, known in the past as the crossroad between Europe and Africa, has become a vital place of cultural exchange of the Mediterranean sea. The conference is an opportunity to become acquainted with the rich historical heritage of Almería. Beautiful and breathtaking natural parks and beaches, as well as its hospitality and its traditional Andalusian gastronomy, will make your visit an unforgettable experience.

We are very much looking forward to meet you at CIMMA 2005!

The Organizing Committee

Organizing Committee

Juan Carlos Navarro Pascual (coordinator), José L. Rodríguez Blancas (secretary), Miguel Ángel Sánchez Granero (vice-secretary), Enrique de Amo Artero, José Escoriza López, Amelia García Luengo, Francisco Gil Cuadra, El Amin Kaidi Lhachmi, Bernardo Lafuerza Guillén, Pedro López Artés, Andrei Martínez Finkelshtein, Juan José Moreno Balcazar, and Blas Torrecillas Jover.

Contact address

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Important dates

February 28	Deadline for grant applications.
March 20	Resolution for grant applications.
March 30	Deadline for hotel reservation with the congress travel agency.
April 15	Deadline for early registration (fee 150 Eur.) and abstract submission.
April 30	Publication of the list of accepted short talks and posters.
May 15	Deadline for late registration (fee 180 Eur.)

Plenary speakers

Fabrizio Catanese (Bayreuth), Alfio Quarteroni (Lausanne), and Efim Zelmanov (San Diego).

Thematic sessions

Algebras and their Representations

Topics:

Module Theory; Ring Theory; Representation Theory; Hopf (co)-algebras; Lie Algebras; Jordan Algebras.

Organizers:

Luis Oyonarte (oyonarte@ual.es)
Antonio Morales Campoy (Almería)
Justo Peralta López (Almería)
Maribel Ramírez Álvarez (Almería)
Freddy Van Oystaeyen (Antwerp)

Main speakers:

Georgia Benkart (Madison)
Alberto Elduque (Zaragoza)
Edgar E. Enochs (Kentucky)
Pedro A. Guil Asensio (Murcia)
Overtoun M.G. Jenda (Auburn)
Sergio Lopez-Permouth (Ohio)
Consuelo Martínez (Oviedo)
Lance Small (California)
Patrick F. Smith (Glasgow)
Freddy Van Oystaeyen (Antwerp)

Geometry and Topology

Topics:

Geometry and Topology of Surfaces; Homotopy Theory; K-theory.

Organizers:

José L. Rodríguez (jlrodri@ual.es)
Carles Casacuberta (Barcelona)
Frank Neumann (Leicester)

Main speakers:

Ingrid Bauer (Bayreuth)
Oscar García-Prada (Madrid)
John Greenlees (Sheffield)
John Hunton (Leicester)
Rick Jardine (London, Canada)
Amnon Neeman (Canberra)

Approximation, Special Functions and Numerical Analysis

Topics:

Approximations and Expansions; Special Functions; Orthogonal Polynomials; Numerical Analysis; Applications.

Organizers:

Andrei Martínez Finkelshtein (andrei@ual.es)
Bernhard Beckermann (Lille)

Juan José Moreno Balcázar (Almería)
Pedro López Artés (Almería)

Main speakers:

Guillermo López Lagomasino (Madrid)
Stefano Serra Capizzano (Como)
Galliano Valent (Marseille)

Functional Analysis and its Applications

Topics:

Banach Algebras; Geometry of Banach Spaces; Measure Theory; Partial Differential Equations.

Organizers:

El Amin Kaidi (elamin@ual.es)
Enrique de Amo Artero (Almería)
José Carmona Tapia (Almería)

Antonio Jiménez Vargas (Almería)
Juan Carlos Navarro Pascual (Almería)

Main speakers:

Antonio Cañada Villar (Granada)
José Luis González Llavona (Madrid)
Mostafa Mbekhta (Lille)
Ángel Rodríguez Palacios (Granada)

General Topology and its Applications

Dedicated to the 65th birthday of Gino Tironi.

Topics:

Topological Dynamics; Function Algebras and Function Spaces; Fuzzy Topology; Ordered Topological Structures; Hyperspaces; (Quasi-) Uniformities and Asymmetric Topology; Topological Methods in Functional Analysis; Topological Algebra; Extensions of Spaces; Topology and Computer Science; Dimension Theory; Set Theoretic Topology.

Organizers:

Miguel A. Sánchez (misanche@ual.es)
Francisco G. Arenas (Almería)
Jesús Rodríguez López (Valencia)
Salvador Romaguera (Valencia)

Main speakers:

Som Naimpally (Toronto)
Gino Tironi (Trieste)

Probabilistic Spaces, Copulae and t -norms. Applications

Topics:

Probabilistic Inner Product Spaces; Operator Theory in Probabilistic Metric Spaces; Functional Analysis in Probabilistic Metric Spaces; Fixed point theory; Non linear differential equations in Probabilistic Normed Spaces; Copulae and Quasi-copulae; Distribution functions; Measures of association;

Dependence; Ordering; Fréchet bounds.

Organizers:

Bernardo Lafuerza Guillén (blafuerz@ual.es)
Manuel Úbeda-Flores (Almería)

Main speakers:

Juan Quesada Molina (Granada)
Carlo Sempi (Lecce)

Random Models and Design of Experiments

Topics:

Official statistics; Sampling; Probability; Multivariate Methods; Stochastic Processes; Probability Models; Design of Surveys; Operational Research; Environmental Statistics.

José Miguel Angulo Ibáñez (Granada)
Juan Cuadra Carreño (Almería)
Ramón Gutiérrez Jaimes (Granada)
Conrado M. Manuel García (Madrid)

Organizers:

Amelia V. García Luengo (amgarcia@ual.es)

Main speaker:

Conrado M. Manuel García (Madrid)

Financial Mathematics and Mathematical Economics

Topics:

Portfolio management and optimization; Asset pricing models; Derivatives; Multicriteria decision making in finance; Volatility and correlation; International finance; Corporate finance; Mathematical Economics.

Organizers:

Salvador Cruz Rambaud (scruez@ual.es)
José García Pérez (Almería)

Main speaker:

Johan René van Dorp (Washington)

Mathematics Education

Topics:

Teacher education in mathematics; Assessment in the mathematics classroom; The impact of new technologies in Mathematics Education.

Organizers:

Francisco Gil Cuadra (fgil@ual.es)
M^a Francisca Moreno Carretero (Almería)

Main speaker:

Luis Rico Romero (Granada)

Short talks and posters

Participants of CIMMA 2005 will have the opportunity to present their mathematical work in form of a short talk (20-30 minutes long) or a poster. Abstracts must be submitted in English with the registration form, before April 15, 2005. The organizers of the chosen session will inform the applicants about the decision of acceptance by the end of April.

Proceedings

The organization is planning to publish a collection of articles emanating from the congress. More details will be given soon on the website of the congress.

Social program (preliminary)

On Monday, June 6, noon, the organization will offer a welcome cocktail to all participants and accompanying persons.

On Tuesday, June 7, afternoon, a visit of the Alcazaba, the medieval arabic castle, will be organized.

On Wednesday, June 8, we will have a special dinner in the Gran Hotel Almería

On Thursday, June 9, a half day excursion around the Natural Park of Cabo de Gata - Nijar will be organized. The mountains and beaches of this park are really spectacular because of their volcanic origin. (Visit for instance www.parquenatural.com.)

Registration

The registration form is available on the website of the congress.

Letter of invitation

If you need an invitation letter to get a visa or support from your university, please check the corresponding box in the registration form and send an e-mail to cimma05@ual.es, with subject INVITATION LETTER. Attach a short Curriculum Vitae including a list of your publications as a pdf file or ms-word file.

Grants

A limited number of grants covering (partially or totally) the registration fee and/or accommodation in (shared double rooms) will be awarded, taking into account the curriculum vitae, the professional situation, and the country of origin.

The deadline for grant applications is February 28, 2005. Applicants will be informed of the decision before March 20, 2005.

If you wish to apply, please check the corresponding box in the registration form and send an e-mail to cimma05@ual.es, with subject GRANT APPLICATION. Attach a short Curriculum Vitae including a list of your publications as a pdf file or ms-word file. The CV will be important for the selection of candidates.

Travel information and accommodation

Please consult this information on the website of the congress.