



CIARP 2006

11th Iberoamerican Congress on Pattern Recognition

Final Call for Papers

November 14-17, Cancun, Mexico

ciarp2006@inaoep.mx

The [11th Iberoamerican Congress on Pattern Recognition \(CIARP 2006\)](#) will be held in Cancun, Mexico. CIARP 2006 is organized by the Computer Science Department of the National Institute of Astrophysics, Optics and Electronics (INAOE), and sponsored by the International Association for Pattern Recognition (IAPR), the Mexican Association for Computer Vision, Neural Computing and Robotics (MACVNR), the Cuban Association for Pattern Recognition (ACRP), the Portuguese Association for Pattern Recognition (APRP), the Spanish Association for Pattern Recognition and Image Analysis (AERFAI), and the Special Interest Group on Pattern Recognition of the Brazilian Computer Society (SIGPR-SBC).

CIARP 2006, as all the ten previous conferences, will be a forum for the exchange of scientific results and experiences, as well as the sharing of new knowledge, and the increasing of the co-operation between research groups in pattern recognition and related areas.

Internationally renowned professors will give Keynote Addresses and Tutorials.

Keynotes:

Skeletonization of digital objects

Dr. Gabriella Sanniti di Baja

Head of the Image Analysis Dept. of the Istituto di Cibernetica "E. Caianiello" del CNR, Italy.

Maximin Initialization for Cluster Analysis

Dr. Jim Bezdek

William Craig Nystul Professor of Computer Science, Eminent Scholar at the University of West Florida, USA.

Case-Based Object Recognition with Application to Biological Images

Dr. Petra Perner

Institute of Computer Vision and applied Computer Sciences, Germany.

Tutorials:

Discrete methods to analyse and represent 3D digital objects

Dr. Gabriella Sanniti di Baja

Head of the Image Analysis Dept. of the Istituto di Cibernetica "E. Caianiello" del CNR, Italy.

Fuzzy Models for Pattern Recognition

Dr. Jim Bezdek

William Craig Nystul Professor of Computer Science, Eminent Scholar at the University of West Florida, USA.

Data Mining on Multimedia Data

Dr. Petra Perner

Institute of Computer Vision and applied Computer Sciences, Germany.

Topics

Authors are invited to submit contributions including, but not limited to the following areas:

- Computer Vision
- Data Mining
- Natural Language Processing and Recognition
- Discrete Geometry
- Document Processing and Recognition
- Fuzzy and Hybrid Techniques in Pattern Recognition
- Image Coding, Processing and Analysis
- Industrial and Medical Applications of Pattern Recognition
- Logical Combinatorial Pattern Recognition
- Mathematical Morphology
- Neural Networks
- Artificial Intelligent Techniques and Recognition
- Pattern Recognition Principles
- Robotics & Remote Sensing Applications of Pattern Recognition
- Shape and Texture Analysis
- Signal Processing and Analysis
- Special Hardware Architectures
- Statistical & Structural Pattern Recognition
- Voice and Speech Recognition
- Parallel and Distributed Pattern Recognition

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Department of Electrical Engineering of Surrey University
United Kingdom

José Francisco Martínez Trinidad

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National Institute of Astrophysics, Optics and Electronics (INAOE), Mexico

Jesús Ariel Carrasco Ochoa

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Paper Submission and Review Process

All the 10 A4-pages papers will be submitted in English, and must be presented at the conference in English. All submissions will be peer reviewed for originality, technical content and relevance to the theme of this conference by three members of the Scientific Committee. The final acceptance will be based upon double blind peer review of the full-length paper. The accepted papers will be included in the proceedings of the CIARP'2006, which will be published by Springer in Lecture Notes in Computer Science <http://www.springer.de/comp/lncs/index.html>.

The papers should be submitted electronically before May 19, 2006, through the submission option in the [CIARP 2006 webpage](#). The papers should be prepared following the instructions from Springer LNCS series. (see <http://www.springer.com/sqw/cda/frontpage/0,,5-164-2-72376-0,00.html>)

Submission implies the willingness of at least one of the authors to register and to present the communication at the conference, if it is accepted.

Important Dates

Paper Submission Deadline: ~~May 19, 2006~~ extended to **May 26, 2006**
Notification of acceptance: June 30, 2006
Camera-ready: July 21, 2006

Local Information

[General Information.](#)

Cancun is Mexico's most visited tourist destination and boasts over twenty-five thousand hotel rooms. There is golf, tennis lots of shopping facilities and a remarkable biodiversity. There are four hundred seventy-five bird species, over a hundred different mammals and

twelve hundred plant species.

Cancun has lots of beach and the hotels are magnificent. Some people actually never even leave the hotel grounds their entire vacation. This speaks volumes for some of these resorts situated on the edge of ocean beaches.

The beautiful ocean is home to over two thousand five hundred marine species with five hundred different tropical fish.

Cancun is located in the State of Quintana Roo at the most southern tip of the peninsula. It is divided into two sections: the Hotel Zone [Zona Hotelera] that is a 22 km sandy strip of land between a lagoon and seaside hotels located on Cancun Island and Cancun City/Downtown [El Centro], which is home to the many Mexicans who live in the district. Downtown is located on the mainland.

Money.

The Mexican currency is the peso (\$). The present [exchange rate](#) with the U.S. dollar is about \$11.00 = 1.0USD. Many local stores and branch banks do not accept foreign traveler's checks, U.S. dollars, or credit cards. Foreign credit cards are accepted in major restaurants, stores, and hotels. Best exchange rates are found in CASAS de CAMBIO (exchange houses). Most banks open only on weekdays, also from 9 am to 5 pm. USA cash or travelers checks are easier to change into pesos than other types of currency.

Weather.

Cancun and the whole Yucatan peninsula are home to one of the world's most sunny climates, but as if to compensate for that, we occasionally have strong winds and rain during the months of September, October and November. Nevertheless, do not worry about that. It is nearly guaranteed that you will see the sun every day of your stay.

The average annual temperature of Cancun and the Riviera Maya is 25.5 degrees Celsius (78 degrees Fahrenheit), with fluctuations of 5 to 7 degrees. However, frequently daytime highs range into the eighties and overnight lows will see the high fifties and low sixties. In July, August and September, visitors can enjoy spectacular views of the sky, which can change from overcast to clear in minutes. From November to April, there are usually blue skies and a cool northern wind.

The climate changes are minimal in this area, so visitors should always pack clothes for swimming and warm weather. A light jacket, shawl or sweater is advisable for the evenings of November, December and January.

Yucatan's inland areas tend to be ten to fifteen degrees warmer than the coast, which is perfect in winter, but furnace like in the spring (up to 110 degrees!).

Language.

Spanish is the official language in Mexico. But in Cancun a lot of people speak English. However, we advise you to have a good dictionary and a [phrasebook](#) when you venture out.

Some interesting links are:

[Archeological sites in the region.](#)

Tips

Cancun Weather