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For further information please access the Symposium website at

<http://www.ctaa.embrapa.br/4cigrsection6>

## PROCEEDINGS

All papers will be published in full in the event proceedings and selected papers will be published in a special issue of Food and Bioprocess Technology, an international scientific journal published by Springer.

## KEY DATES

**March 30<sup>th</sup>, 2008** - Submission of papers (please use template file)

**April 30<sup>th</sup>, 2008** - Notification of acceptance

**June 15<sup>th</sup>, 2008** - Registration for authors with discount

**June 15<sup>th</sup>, 2008** - Final Program

**August, 31<sup>st</sup> to September 04<sup>th</sup>, 2008** Conference

## SPONSORS

International Association for Engineering and Food (IAEF)  
European Federation of Food Science and Technology (EFFoST)

## THE CITY OF FOZ DO IGUAÇU

The 4<sup>th</sup> CIGR Section VI International Symposium will be held at the city of Foz do Iguaçu, with all its diversity of attractions, represents one of the most beautiful tourist destinies of the world. It possesses incomparable natural richness, as the Iguaçu National Park, declared as Natural Patrimony of the Humanity and where is located the Iguaçu Waterfalls.

Another icon impels the local tourism: Itaipu, the largest hydroelectric of the world. And, inside the Itaipu Tourist Complex, visitors can know the Ecomuseu, the Bela Vista Biological Refuge, and also see the Monumental Illumination of the Power Plant.

Besides the Waterfalls, the Iguaçu National Park offers interpretative trails and structure for practice of activities in a natural space, like: climbing, tree climbing, rafting and rappel. It is also possible to admire the area of the Waterfalls in helicopters flights.

Near to the entrance of the Iguaçu National Park, is located the Bird Park, where the visitor comes across the most different species of birds in its natural habitats.

The city still has cultural attractions, with emphasis for the religious architecture, with the Main Church, the Buddhist Temple and the Muslim Mosque. In the architectural aspect, they still stand out the international bridges like Ponte Internacional da Amizade (Friendship), in the border with Paraguay and Ponte Internacional Tancredo Neves, border with Argentina.

Besides all those alternatives, the city possesses a large hotel park, transportation system, gastronomy, support services and places for accomplishment of different



## 4<sup>th</sup> CIGR Section VI International Symposium on Food and Bioprocess Technology



Foz do Iguaçu, Brazil  
on 31<sup>st</sup> August to 4<sup>th</sup> September 2008

Organized by

CIGR Section VI (Postharvest Technology and Process Engineering)

Embrapa Food Technology - CTAA (Brazil)

National University of Ireland, Dublin (Ireland)

Institute of Food Technology - ITAL (Brazil)

Brazilian Society of Science and Food Technology - SBCTA (Brazil)



## BACKGROUND

CIGR (International Commission of Agricultural Engineering) Section VI (Postharvest Technology and Process Engineering) deals with the engineering principles and technologies in postharvest and processing of agri-food products. It is devoted to follow the trends, promote the advancement and enhance the dissemination and transfer of technology in postharvest and processing at a global scale.

In order to fulfill better its missions, following the successful 1<sup>st</sup> International Symposium on Bioproducts Processing and Food Safety held in Beijing in October 2004, 2<sup>nd</sup> International Symposium on Future of Food Engineering in Warsaw in April 2006, and 3<sup>rd</sup> International Symposium on Food and Agricultural Products: Processing and Innovations in Naples in September 2007, the CIGR Section VI is organizing the 4<sup>th</sup> International Technical Symposium on Food and Bioprocess Technology in **Foz do Iguaçu, Brazil on 31<sup>st</sup> August to 4<sup>th</sup> September 2008** in conjunction with the 2008 CIGR International Conference of Agricultural Engineering - Brazil. This symposium will feature a series of presentations and discussion in plenary, scientific and poster sessions, and informal gatherings to highlight most recent developments in food and bioprocess technology.

## PAPER SUBMISSION

Authors wishing to present a contribution are asked to prepare a paper according to the formatting instructions at <http://www.acquacon.com.br/icae/en/callpapers.php>

Authors are also required to indicate the topic to which the paper belongs.

**The deadline is March 30<sup>th</sup>, 2008**

## SYMPOSIUM LANGUAGE

The official language of the Symposium is English.

## SYMPOSIUM TOPICS

### Topic I - Food

Physical properties and structure  
Food processing  
Food innovations  
Food equipment, process control and automation  
Food safety and security  
Preservation, storage, and distribution  
Emerging natural ingredients for food and beverages  
Applied nanotechnology  
Non-thermal processing and emerging technologies  
Mathematical modelling and simulation

### Topic II - Agriculture

Pre-harvest effects  
Post-harvest handling systems  
Non-destructive testing  
Sensors, sensing technology and process control  
Product monitoring in the supply chain  
Preservation, storage, and distribution  
Tracking and traceability

### Topic III - Environment

Sustainability in food production  
Agri-food waste treatment and management  
Renewable energy source

## SYMPOSIUM CHAIRMAN

**Chairman:** Prof. Da-Wen Sun, National University of Ireland (Dublin); Honorary Chair of CIGR Section VI; Editor-in-Chief of Food and Bioprocess Technology Journal.

**Vice-Chairman:** Dr. Amauri Rosenthal, CTAA, Embrapa, Rio de Janeiro (Brazil)

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