

## BACKGROUND

CIGR (Int. Commission of Agricultural Engineering - [www.cigr.org](http://www.cigr.org)) Section VI (Postharvest Technology and Process Engineering) deals with the engineering principles and technologies in post-harvest 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.

Agri-food processing engineering has had an increasing importance for the rapid development during the past decade. A fundamental basis of this area of knowledge is to bring together physical sciences with knowledge on product physiology and properties, in order to maintain quality and develop new techniques for quality recognition. There has been a great development of technical improvements in post-production practices. Although yields of many products and field production technologies have made significant advances, losses due to lack of appropriate storage and processing facilities and technologies have increased globally.

On the other hand, quality and safety of the products has evolved into a high priority in many markets. This development has taken place mainly in the advancement of the traditional sciences and technologies, and also in a broadening areas of knowledge that have been introduced into agri-food processing, especially new technologies for sensing and computing.

In order to fulfill better its missions, following the successful 1<sup>st</sup> International Conference on *Bioproducts Processing and Food Safety* held in Beijing in October 2004, and the 2<sup>nd</sup> Technical Symposium on *Future of Food Engineering* held in Warsaw in April 2006, the CIGR Section VI is organizing the 3<sup>rd</sup> Technical Symposium on *Food and Agricultural Products: Processing and Innovations* in Naples (Italy) on 24-26 September 2007.

## SYMPOSIUM TOPICS

The main aim of CIGR-VI is to review the latest developmental needs and challenges on the thematic areas facing the agri-food industry. The Symposium topics cover:

### Topic I – FOOD

- Food composition
- Food processing
- Physical properties and structure
- Food innovations
- Food unit operations

- Food equipment, process control and automation
- Food safety

### Topic II – AGRICULTURE

- Pre-harvest effects
- Post-harvest handling systems
- Non-destructive testing
- Supply chain innovation
- Tracking and traceability

### Topic III – ENVIRONMENT

- Sustainability in food production
- Upgrading of agri-food by-products
- Renewable energy sources

The Symposium technical program is structured in parallel sessions, which will be held over three days. This Symposium will take a series of presentation and discussion in plenary, scientific and poster sessions, and informal gatherings to highlight the most recent developments in agricultural products and food processing, small technologies as well as sustainability in food production.

## PAPER SUBMISSION

Authors wishing to present a contribution are asked to prepare a 400-word abstract (according to the formatting instructions)

**The deadline is December 15th, 2006**

The abstract shall indicate the complete addresses and e-mail of each author. Authors are also required to indicate the topic to which the abstract belongs. Abstracts can only be submitted through the Symposium web-page to the Symposium Secretariat at <http://www.aidic.it/3CIGR>

## SYMPOSIUM LANGUAGE

The official language of the Symposium is English.

## PROCEEDINGS

The full set of accepted abstracts will be published in a volume while the full set of manuscripts in a CD-Rom. Both will be distributed at the Symposium desk. A copy will also be available in advance for consultation on AIDIC web site.

Selected papers presented at this Symposium will be published in a special issue of Journal of Food Engineering, and recommended for publication in CIGR e-journal.

## KEY DATES

**December 15<sup>th</sup>, 2006**

Abstract submission

**February 15<sup>th</sup>, 2007**

Notice to authors on final acceptance of abstract

**April 15<sup>th</sup>, 2007**

Notice to authors on format of presentation (lecture/poster) and preliminary program

**June 15<sup>th</sup>, 2007**

Full manuscript submission

**June 30<sup>th</sup>, 2007**

Registration deadline for authors to have the paper included in the proceedings and the final program

## VENUE

**The 3<sup>rd</sup> CIGR-Section VI Symposium** will be held at Centro Congressi Ateneo Federico II  
36 Via Partenope, Naples, Italy

The Conference Centre of the "Università Federico II di Napoli" is in the center of Naples on the seafront.

It is convenient linked with the international airport Capodichino and the central railway station.



Naples is an ancient city: its origins dates back to the 9th Century B.C. when the city of Parthenope was founded on the site where Castel dell'Ovo now stands. In the 6th century B.C., this city was abandoned and was given the name of "Palepolis" (old city) and the new city of "Neapolis" was founded next to it.

Today Naples is the third biggest town in Italy, is a major Mediterranean seaport and has retained much of its ancient beauty.

## SYMPOSIUM CHAIRMAN

Prof. Da-Wen Sun, Honorary Chair of CIGR Section VI, Editor of Journal of Food Engineering, National Univ. of Ireland, Dublin (Ireland)

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Prof. Luigi Bodria, University of Milan (Italy)  
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## SYMPOSIUM SECRETARIAT

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You may visit:

<http://www.aidic.it/3CIGR>

- to submit abstract and manuscript
- to register
- to book hotel rooms
- to read the program
- to find information about the venue
- to see the updates

Updated information about plenary, program, fees, guidelines, etc. may be found at this website as soon as available.

## SPONSORS

Companies and organizations willing to support the Symposium are invited to contact the Secretariat for further information. Participants from industry are welcome.

# CALL FOR PAPERS



## CIGR Section VI 3<sup>rd</sup> International Symposium

### FOOD AND AGRICULTURAL PRODUCTS: PROCESSING AND INNOVATIONS

Naples, Italy  
24-26 September, 2007



### PROMOTED BY

**CIGR Section VI** (Postharvest Technology and Process Engineering)

**Università di Napoli "Federico II"**

**CRA - ISMA** (Agricultural Research Council - Agricultural Mechanization Research Institute)

**AIIA Sect. VI** (Italian Association of Agricultural Engineering)

### ORGANIZED BY

AIDIC The Italian Association of Chemical Engineering

### SUPPORTED BY

**MiPAF** - Ministry of Agriculture and Forestry

**IAEF** - International Association of Engineering and Food

**EFFoST** - European Federation of Food Science and Technology

**SISTAL** - Società Italiana di Scienze e Tecnologie degli Alimenti