

CIGR International Symposium on “Sustainable Bioproduction - Water, Energy, and Food”

September 19-23, 2011

Tokyo, Japan <http://www.cigr2011.org/>

Growing uncertainty over the future status of water, energy and food resources in light of the devastating scenario of global warming has led the world to strive to seek solutions for the perennial development of humankind. Recent developments in biomass technology have raised the unexpected issue of the crop resource trade-off between energy crops, feed crops and food crops. CIGR has been dedicated to developing world water resources, to modernizing world food production and to conserving our environment with the commitment of agricultural engineers and scientists from CIGR member nations. The challenge currently faced by us for the coexistence of humankind throughout the world is to find a method to balance our resource utilization and energy development; this task might well be termed as a CIGR mission.

In 2011, all engineers, scientists and affiliates from 7 technical sections of CIGR will meet in Tokyo to discuss the updated controversial issues on water, energy and food along with the latest technological development that the world would seek.

The 2011 CIGR International Symposium on "Sustainable Bioproduction - Water, Energy, and Food", September 19-23, 2011 Tower Hall Funabori, Tokyo, JAPAN will bring together researchers and professionals interested in new ideas, engineering, and technologies used in sustainable bioproduction systems. Attendees will be able to share ideas, theories, techniques, challenges, and concerns with peers and expand their professional networks worldwide. They will also have the opportunity to attend many joint activities. The symposium is opened to researchers and engineers from all over the world as well as general publics those who are interested in the global issues with water, energy, and food.

Abstract Submission Form

Important Dates:

Submission of abstract: 1 Dec, 2010

Notification of acceptance: 31 Dec, 2010

Initial manuscript submission: 1 April, 2011

Critiqued manuscript returned to authors: 1 June, 2011

Final camera-ready manuscript submission: 1 July, 2011

Early registration due: 1 July, 2011

Registration due: 1 August, 2011

Symposium: 19-23 September, 2011

Registration due:

Participants are encouraged to take advantage of early bird registration by completing a Registration Form and paying lower registration fees on line. The registration fees are calculated in JP Yen.

Location:

The Symposium venue will be at the Tower Hall Hunabori in Tokyo, Japan. It is located in the South - East area of Tokyo and it takes the hall about one hour from Tokyo International Airport by limousine bus.

Subject Areas:

- 1) Soil and Water in Agriculture
- 2) Facilities and Environment
- 3) Equipment Machinery and Structures
- 4) Electric Power, Wind Energy, Solar Energy and Biomass Energy
- 5) Operative Management of Post Harvest
- 6) Paddy Field Agriculture
- 7) Upland Field Agriculture
- 8) Arid Land Farming
- 9) Food Production
- 10) Agricultural Robot and Bio - Robotics
- 11) Remote Sensing
- 12) Risk, Security and Safety on Agriculture
- 13) General or Miscellaneous Topics

Information for authors: Submit an abstract limited to 500 words, including the title of the paper. List the names and affiliated organizations of all authors in the abstract. The abstract should be self - contained, concise, and informative. It should describe the research objectives, methods used, and the major findings.

Symposium Language:

The official language of the symposium will be English. All the papers should be sent in English.

For more information, please visit the website at <http://www.cigr2011.org/>

6th International CIGR Technical Symposium
Towards a Sustainable Food Chain
Food Process, Bioprocessing and Food Quality Management
Nantes, France - April 18-20, 2011.
<http://impascience.eu/CIGR/>

The Food and Microbial Engineering Laboratory of the University of Burgundy and Agrosup Dijon, together with the Embrapa Labex Europa and the Food Safety Group of CIGR (International Commission of Agricultural Engineering) organize a workshop "**Food Safety: Advances and Trends**", to be held on the **14th and 15th April 2011 at Agrosup Dijon**, with the support of Welience. CIGR - SECTION 6

CIGR Section VI (Postharvest Technology and Process Engineering) deals with the engineering and 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.

To fulfil better its missions, Section VI of CIGR is organizing the workshop. The event follows 5 previous similar events held in each continent, demonstrating the international profile of CIGR:

China - Beijing – 2004

Poland - Warsaw – 2006

Italy - Naples – 2007

Brazil - Foz do Iguaçu – 2008

Poland - Potzdam - 2009

As previous in Symposiums, selected papers presented at this Symposium will be published in a special issue of Food and Bioprocess Technology - An International Journal published by Springer.

CALL FOR PAPERS

- Postharvest technology
- Preservation, storage, and distribution
- Processing equipment and technologies for agricultural and food products
- Innovative and non thermal technologies
- Properties of agricultural products & foods
- Engineering for food safety and security
- Foods and Sensors, sensing technology
- Mathematical modeling and simulation
- Process control
- Product monitoring in the supply chain
- Energy efficiency and environmental friendliness of agri-food chain

INSTRUCTIONS FOR AUTHORS

The deadline for abstract submission is 15/11/2010.

The program committee will make the final decisions on the acceptance of abstracts.

To participate, please:

1. Fill and submit the REGISTRATION form: see "Registration" option on the menu bar,
2. Transfer the registration fee either online or by international bank transfer.

Submit your presentation title, authors and keywords and load your abstract, indicating if you prefer oral or poster presentation.

**CIGR-AgEng2012, International Conference of
Agricultural Engineering
on ‘Agriculture & Engineering for a Healthier Life’,
July 8–12, 2012—Valencia, Spain
<http://www.ageng2012.org/>**

CIGR and EurAgEng will celebrate a joint International Conference on Agricultural Engineering in 2012. The Conference will cover emerging research, current problems and new engineering solutions for addressing food production and rural activities as a means to enhance human wellbeing and promote social development. New concerns include new methods of agricultural and forestry production, and the preservation of natural resources and landscape by applying modern engineering concepts. A Healthier production needs to encompass higher social and economic benefits.

Technical Areas:

1. Power & Machinery for Plan Production (Tractors, Tillage, Fertilizing and plants)
2. Protected Cultivation, Greenhouse Technology
3. Land and Water System Engineering
4. Farm Buildings, Equipment, Structures and Environment
5. Fruit and Vegetable Cultivation Systems
6. Plant Protection and Harvesting
7. Forestry Mechanization and Wood Technology
8. Engineering Design and Analysis of Ecosystem Services
9. Postharvest Technology and Process
10. Safety and Health in Agro-food Systems
11. Rural Development & Communication
12. Rural Electricity and Other Energy Sources
13. Automation, Information Systems, Robotics and Precision Farming
14. Agricultural Engineering in Transitional & Developing Countries.
15. Management, Ergonomics and Systems Engineering

16. Agricultural Engineering University Curricula Harmonization
17. Open Topics

Important Dates:

- 1 October 2011: submission of abstracts on-line via AgEng2012 website
- 15 December 2011: Notification of acceptance of abstracts
- 15 March 2012: Submission of full papers
- 20 May 2012: Final programme

Registration Fees:

€520 for early registration for CIGR, EurAgEng, and ASABE members, €580 for non-members

Contact:

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Scope of the CIGR-AgEng 2012 Conference in Valencia

From 8–12 June 2012, the joint CIGR-AgEng2012, International Conference of Agricultural Engineering will be held in Valencia, Spain. This conference is organized by the CIGR (3rd CIGR International Conference), the European Society of Agricultural Engineering (AgEng2012), and the Spanish Society of Agricultural Engineering (SEAgIng).

The organizing committee is trying to encourage the

active participation of all the Working Groups (WG) belonging to the organizing societies, in particular from CIGR and EurAgEng. For this reason, I would like to invite the current chairs of all the present WGs to organize parallel sessions under simultaneous thematic symposia focused on any topic of interest for the organizing Working Group.

Additionally, I am very pleased to provide you with an update on the parallel sessions already included in the 2012 Conference:

CFD - Applications on Agricultural Buildings (CFD)

working group of the International Society of Horticultural Science –ISHS)

International Workshop on Computer Image

Analysis in Agriculture (CIGR Working Group on Image Analysis for Agricultural Products and Processes)

15th Inter Regional ENVIRO WATER

(CIGR-Section I: Land and Water Engineering)

We are also waiting for the approval and confirmation of the following symposia:

ILES – International Livestock and Environment Symposium

ATOE – 5th Automatic Technology for Off-road Equipment (CIGR – Power and Machinery).

Our initial proposal is to allocate one day, or at most one and a half days, for special concurrent parallel sessions or symposia, which will be organized by the Working Group representative in coordination with a delegate from the organizing committee. The acceptance of the papers proposed will also be decided by both the WG and the Conference Scientific Committee. The presented papers will be included in the conference proceedings.

I would really appreciate your feedback, as a WG chair, concerning this proposal and the possibilities for your WG to organize a thematic symposium at this joint conference.

Although we are still working on our first announcement, and the date of the conference is still far away, it would be very helpful for the organizing committee to know of your thoughts about this proposal. Please, do not hesitate to contact me if you need further information or would like to discuss any detail; we will be delighted to work with you and coordinate a parallel conference led by your WG. I would also like to take this opportunity to announce this coming 2012 International Conference on Agricultural Engineering in Valencia for whose success we rely on all of you as WG chairs. Additional information is available at the conference website <http://cigr.ageng.com>. I am very happy to count on your collaboration and will do my best to keep you updated by e-mail and especially at the AgEng2010 Conference in Clermont-Ferrand (France) and the World CIGR Congress in Québec (Canada).

See all of you in Valencia at the CIGR-AgENg2012 Conference!

Looking forward to hearing from you soon.

For more information, please visit the website at: <http://www.ivia.es/AgEng2012/CIGR/>

December 2, 2009

Prof. Florentino Juste

Chairperson of the Organizing Committee of the CIGR International Conference 2012

The XVIII CIGR World Congress 2014 on Agricultural & Biosystems Engineering -Upgrading Our Quality of Life September 16 – 19, 2014, Beijing, China

The XVIII World Congress of the International Commission of Agricultural and Biosystems Engineering (CIGR) will be held in Beijing, China from September 16-19, 2014. Preparation for the big event has been proceeding smoothly. The Preparatory Committee and the Secretariat of the Congress have been set up and appropriate staff and facilities allocated.

Sponsors:

- International Commission of Agricultural and Biosystems Engineering (CIGR)
- Chinese Society for Agricultural Machinery (CSAM)
- Chinese Society of Agricultural Engineering (CSAE)

Co-Sponsors:

- China Food and Packaging Machinery Industry Association (CFPMA)
- Local government offices; local, regional and international associations, Other societies and institutions will be invited and added later.

Organizers:

- Chinese Academy of Agricultural Mechanization Sciences (CAAMS)
- Chinese Academy of Agricultural Engineering (CAAE)
- China Agricultural University (CAU)

Theme: Agricultural and Biosystems Engineering -Upgrading Our Quality of Life

Time: 16-17 September, 2014

Venue: Beijing

Congress Language: English

Scientific Program:

- Plenary sessions with invited speakers
- Parallel oral and poster sessions
- Special sessions
- Exhibition and field trips

Main topics:

(1) Land and Water Systems Engineering

- Irrigation and Drainage Modeling • Water Saving and Productivity
- Soil Sustainability • Water Management
- Soil Conservation and Improvement • Landscapes and Ecosystem
- Environmental Criteria for Land Use and Other Environmental Considerations
- Salinity, Water Treatment and Reuse and Contamination Control
- Wind Erosion, Water Erosion, Environmental Protection
- (2) Machinery Engineering for Plant Production
 - Strategy and Development of Agricultural Mechanization
 - Innovation Technologies for Agricultural Equipment
 - Tractors • Tillage and Seeding
 - Harvesting Technology • Automation Technology
 - Fertilizing and Plant Protection • Environmental Impact
 - R & D for Farm Machinery and Equipment
- (3) Bioprocessing System Engineering
 - Image Processing • Drying and Dehydration of Agro-products
 - Postharvesting Technology • Food Quality
 - Environmental Impact • Mathematical Modeling and Simulation for Food Processing
 - Sensors for Quality Assessment Control • Physical Properties of Agricultural products
 - Food Packaging and Storage • Thermal Processing, Chilling and Freezing
 - Separation Process • Biotechnology
- (4) Information Systems and Precision Farming
 - ICT for Agriculture • KISIDSS
 - Crop Sensing • Data Acquisition and Management
 - Soil Sensing • Field Robots
 - Weed Control • Yield Sensing
- (5) Rural Electricity and Renewable Energy

- Bioenergy Resources • Biogas
- Biomass Handling and Processing • Biomass Emissions and Other Environmental Considerations
- Energy Efficiency • Liquid Biofuels – Biodiesel
- (6) Farming buildings and Livestock Environmental Engineering
- Livestock Structures and Material Handling Equipment
- Precision Livestock Farming
- Livestock Environment and Waste Treatment-Water Quality, Air Quality, Odor Control
- (7) Management, Ergonomics and System Engineering
- Farm management Planning and Calculation
- Safety and Ergonomics • System Engineering

Call for papers:

The Congress will focus on the above-mentioned areas and contributions in those and the related areas are appreciated. Scientists, professors, practicing engineers, enterprises managers and students engaged in agricultural/biosystems engineering are encouraged to participate in this big event and are invited to submit paper proposals to the Congress. Detailed instructions for submitting abstracts will be in the 2nd announcement.

Preparation Office:

The preparation office is located in CAAMS and the website of the Congress will be available soon. At present

you may contact the Congress as follows:

Prof. Lanfang ZHANG

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Based on the rich experiences of successfully hosting the 2004 CIGR international Conference in Beijing, the sponsors and organizers are confident that the 2014 World Congress will provide a fruitful and wonderful academic congress for scientists, engineers, managers and other professionals in the agricultural/biosystems engineering field from all over the world. Put the dates on your calendar now. More details will be available in the 2nd announcement.

For the 2008 Olympic Games, Beijing was made more beautiful and more attractive than ever before. A modern Beijing with ancient charm is ready to reach out her arms to welcome you.

Prof. Shujun Li

Executive Board Member of CIGR

Executive Vice-president of the CAAMS