



International Commission of Agricultural and Biosystems Engineering

CIGR

Newsletter Quarterly

Newsletter No. 95
April 2012

Since 1930
82 Years of CIGR

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Commission Internationale du Génie Rural (CIGR)

CIGR Website: <http://www.cigr.org/>

1. CIGR NEWS

Message from the President

A call for Open Textbooks

As differences between countries become more visible due to globalization, it also becomes clear that agricultural and bio-systems engineering education will be a strong contributor to improve individual quality of life and help achieve sustainability goals.

High quality education requires that learning resources are available to the student. These resources need to be current and low cost. CIGR has the opportunity to contribute to the education of thousands of students in our discipline, particularly in those parts of the world where educational resources are scarce. In these areas library resources are lacking and obsolete.

To address these issues I invite you to define how CIGR can contribute by developing engineering course-associated learning tools that are open-licensed.

Regards,



Prof. Fedro Zazueta

Prof. Fedro Zazueta
President of CIGR

Message and announcements from the Secretary General

Dear Colleagues,

On behalf of the present General Secretariat of CIGR, Secretary General, Prof. Toshinori Kimura, would like to send a message and some announcements to you.

It has passed two years since we took over the General Secretariat from Univ. of Tsukuba, Japan on 1st January, 2010. On this occasion, I wish to report to you very briefly what we have done during the first half period of the duty.

As I wrote in the CIGR Newsletter No.89, even though the importance of global issues such as food and energy supply, environment conservation and global warming enlarges the demand of vital activity to CIGR more than ever before, the stagnation of the world economy has been casting a dark shadow over the CIGR's financial condition clearly. An increase in members who have not paid their membership fees for many years, and termination of donation and advertisements from industries are good examples of this. In addition, we encountered remarkable reduction of exchange rates from US \$ and Euro € to Japanese ¥, and the Great East



Prof. Toshinori Kimura

Prof. Toshinori Kimura
Secretary General of CIGR

Japan Earthquake and the Fukushima No. 1 nuclear power plant accident in March, 2011 increased the difficulty.

Of course, in order to overcome this difficult situation, we have tried contacting patiently those members who have not paid, and to hold down GS's expenses. Finally we were able to keep the financial results positive for 2010 and 2011. We owe much to financial assistance amounting to more than 10,000€ from Hokkaido University every year, and advertisements in CIGR Newsletters by Kubota Co., Japan (2010) and Yammar Co., Japan (2010 and 2011) amounting to 2,750€ and 5,500€ respectively.

In June of 2010, we had the XVII CIGR World Congress successfully in Quebec, Canada, where we held all the CIGR business meetings including General Assembly and CIGR 80th Anniversary. In September of 2011, a CIGR sponsored event, CIGR International Symposium 2011 (WEF 2011) was held in Tokyo where we had CIGR business meetings except General Assembly, and also India was approved as a national member by the Executive Board Meeting.

As for the communication service, we published only 6 issues of Newsletter (No.89-94) in the past 2 years. We have to publish 4 issues every year as CIGR Statutes mention. We revised the layout of CIGR Website and updating of the content was improved. A service offering free access to CIGR Handbook was also started on the website.

After frequent and long discussions among Presidium and China to improve editorial activity in CIGR Ejournal Editorial Board, we decided on the replacement of Editor in Chief from Dr. Yingkuang Wang to Prof. Lanfang Zhang. She took over the position from January, 2012.

In the General Secretariat, there were some member changes, Prof. Kazuhiko Ohmiya (Treasurer) was replaced by Dr. Naoto Shimizu due to Prof. Ohmiya's retirement, Dr. Hiroshi Okamoto (Website update) was promoted from Asst. Professor to Senior Asst. Professor of Hokkaido University, Japan, and Ms. Yukiko Kimura joined as a part-time accountant. Dr. Yutaka Kaizu who is Editor in Chief of this newsletter is going to move to the University of Tokyo, Japan soon. He kindly promises he will continue this duty until the end of 2013.

Lastly, I would like to make some announcements to you. In the year of 2012, we will have CIGR-AgEng 2012 International Conference of Agricultural Engineering in Valencia, Spain from 7-12, July. We will have all the CIGR business meetings, PM, EB, TB and General Assembly there. The CIGR Election 2012 regarding next Incoming President and next Secretary General will be done shortly and the results will be authorized in the forthcoming General Assembly. Further information is available in this newsletter or on our CIGR Website.

Best regards

**Minutes of the 65th Executive Board
Meeting on Saturday 12 June, 2010,
from 14:30 to 17:00
Room Dufferin, Hilton Quebec,
Quebec City, Canada**

Presented: President Søren Pedersen, Incoming President Fedro Zazueta, Secretary-General Toshinori Kimura, Prof. Daniele De Wrachien (EurAgEng), Prof. Omar Ulloa (ALIA), Prof. Oleg Marchenko (EAAAE), Prof. Taichi Maki (Japan, in place of Yohei Sato, Japan), Prof. Shujun Li (China, AAAE incoming, World Congress 2014), Prof. Stephane Godbout (Canada), Prof. El Houssine Bartali (Morocco, Auditor), Prof. Da-Wen Sun (Coordinator of Working Groups), Prof. Peter Schulze Lammers (Co-opted), Mr. Yoshisuke Kishida (Co-opted, Auditor), Prof. John K. Schueller (ASABE incoming), Prof. Jerzy Weres (Poland incoming), Prof. Thomas Banhazi (Technical Board incoming), Prof. Daniel Berckmans (Co-opted incoming)

Observer: Prof. Takaaki Maekawa (Past Secretary-General), Prof. Haruhiko Murase (Japan), Prof. Phillipe Savoie (Canada)

Excused: Past President Irenilza de Alencar Nääs, Prof. Vilas M. Salokhe (AAAE), Prof. Josse De Baeremaeker (Auditor), Mr. Emmanuel Hugo (France incoming), Prof. Adolf Rybka (Czech incoming), Prof. Jose M. Tarjuelo (Co-opted incoming),

Absent: Prof. Nicolay Mihailov (AAESEE), Prof. Daniel Marcal de Queiroz (Brazil), Prof. Bill Stout (Co-opted), Dr. Yingkuan Wang (China, Co-opted incoming)

1. Welcome and Roll Call

The CIGR President welcomed the members and observers, and thanked them for attending the meeting.

2. Adoption of the Agenda

The agenda was adopted unanimously.

3. Approval of minutes of the 64th Executive Board Meeting of CIGR

The Minutes of 64th Executive Board Meeting were approved unanimously.

4. Activity reports from the Presidium members

a) The President

The President summarized the Skype PM meetings which have been held every month from 29 November to 20 May 2010. He commented that the Skype meetings had enabled the PM to make very efficient discussions over the last six months.

The President introduced the short names and the descriptions of the CIGR Sections. After being approved by the GA, these short names will be effective.

Regarding the CIGR Statutes, the President pointed out that there was no space for EJournal representative in the composition of the EB. Following this comment, the past Secretary General, Prof. Takaaki Maekawa proposed a minor revision on Article 10 f) of the CIGR Statutes from “four members co-opted by the Presidium and Executive

Board” to “several members co-opted by the Presidium and Executive Board”. This proposal was approved by the EB without objection.

The President briefly explained about the procedure of the 80th anniversary and Award session which was to be held on 15 June. He also explained that the Incoming President, Prof. Fedro Zazueta would help these ceremonies proceed efficiently as a master of ceremony.

b) The General Secretariat

The Past Secretary General reported the results of the elections. The results showed that the next Incoming President, next term EB members and SB members, each gained over 80% of the vote.

Prof. Da-wen Sun was approved as the next Incoming President with a round of applause.

The past SG stated that there are two revisions in the EB member list. One of them is that Dr. Yingkuan Wang is included in the co-opted members as CIGR EJournal representative. The other one is that Prof. Shujun Li who is the representative of AAAE will be also acting as a representative of 2014 World Congress. Those revisions of EB members were approved by the EB without objection.

The candidates for Executive and Section Board members of the next term, 2011-2014, were approved. The President reminded members that in the section meetings, which will be held during the Congress, there might be some more changes. The president asked the participants to inform him of any changes as soon as each Section finishes official checks in the meetings.

Section Board is formed by up to 16 members including the chair, vice-chair and secretary members. There are some sections like Section II that hope to include more people in the section. The President suggested that they can discuss this matter in the Technical Board meeting.

The President announced that the CIGR will recruit the next SG. The President suggested putting the message in CIGR Newsletter that the CIGR is going to seek candidates for the SG and wants to fix the position in 2012 meeting in Valencia. There was a suggestion from the EB that China might be a candidate. Still the post of the SG is open, so the President asked the board members to keep looking for candidates. He said that the PM would be waiting for the suggestions.

The SG reported that the first edition that the new GS worked on, Newsletter No.89 has been published. Next newsletter, No.90 will be issued in August. The SG asked the representatives to submit the reports for No.90 as soon as they go back to their countries.

The CIGR obtained agreement that 20 USD is going to be raised per individual full participant on this 17th World Congress and on the International Symposium 2011 in Tokyo. Similarly, levies should be raised on the International conference in Valencia in 2012.

There was a suggestion from Prof. Thomas Banhazi that we should look at not only the venue to get more levies but also other income resource like subsidies from industry.

c) The Past President

The Past President, Irenilza Naas was absent from the meeting.

d) The Incoming President

As a member of Award Committee, the Incoming President Fedro Zazueta reported the activity of Award Committee. There are two main roles for the award committee. One is to organize the award process including the selection of the awardees which has been completed. The other is to set the Bylaws of EJournal and the Bylaws are now going to be reviewed in the meeting and finalized.

As a past Editor-in-Chief of EJournal, the Incoming President reported that Editor-in-Chief of EJournal and its office moved from the US to China. New Editor-in-Chief is Dr. Yingkuan Wang.

EJournal structure has two bodies. One is the governance body which determines strategic directions including Bylaws of EJournal. The other is the executive body which members are Editor-in-Chief and the staff as well as associate editors.

What is now being discussed on the revision of the Bylaws is the name of the Journal. Two conditions had been mentioned in the Presidium meeting regarding the name of the Journal. One is that the name should be short and include "CIGR". The other is that the name should be long-lasting because our association is evolving and will be leading out with the name. From the EB, there were a couple of suggestions, one of which was that we should not change the name so often or easily. The other was that we should change the present name because the name is too long and "CIGR" is in the subtitle. Governance body will discuss the name of the EJournal in the Governance meeting.

The Incoming President also pointed out the high rejection rate of articles submitted for EJournal which shows EJournal's good quality.

Prof. Shujun Li gave a presentation on the inauguration of Chinese editing office and its activity. He stated that they want to publish four printed volumes a year as well as electronic versions. Also the editing office wants to improve the website in respect to promoting the editorial board of Sections and to applying itself effectively for ISI.

Prof. Jerzy Wares gave the suggestion that there is a possibility for CIGR EJournal to cooperate with other journals/publications.

5. Accounts and Budgets

Mr. Yoshisuke Kishida, as a representative of three CIGR Auditors, reported that the auditing results of the balance and the budget from 1 January to 31 December, 2009 had been approved by three auditors. The auditing results were approved by the EB without any correction.

The SG stated that the GS will follow the 2010 budget which had already been approved. But looking at the hard situation for the budget in 2011, the GS will have to make a big effort, especially in collecting the membership fees, because more than 40% of the membership fees have not been paid.

6. CIGR Awards

The selection results of CIGR Awards and Prizes were introduced to the participants.

7. CIGR Bodies

a) Working Groups

Prof. Da-Wen Sun, as a coordinator of the WGs, reported the recent activities of CIGR Working Groups. He also reported

the establishment of the new Working Group on Food Safety, which was approved without objection.

8. CIGR Information and Communication System

a) Representatives of CIGR with ISO, OECD and FAO

- CIGR is currently a liaison member of ISO. Mr. Y. Kishida, Board Member, was sent as a representative for the plenary meeting of ISO/TC 190 held on 2-6 November 2009 in Seoul, Korea. The replacement of the CIGR General Secretariat was informed to them.

- As a CIGR representative, Prof. O. Marchenko attended the annual meeting of the representatives of the national designated authorities of The OECD Tractor Codes held on 24-25 February, 2009 in Paris, France. The report was issued in CIGR Newsletter No.87.
- Prof. Da-Wen Sun attended the FAO Council Meeting held at FAO Headquarters, Rome, Italy on 28 September to 2 October, 2009. The report was issued in CIGR Newsletter No.88.

9. CIGR Congresses and Conferences

a) The XVII CIGR World Congress 2010, Québec, Canada, 13-17 June 2010

As a Local Organizer, Prof. Phillippe Savoie reported the summary of the 17th World Congress and the result of pre-registration.

Mr. Kishida asked the Local Organization about the policy of registration fee regarding the participants as journalists. The Organizing Committee is responsible for handling the registration fee. The President said that this should be discussed between the organizing committee and the individual.

b) The 3rd CIGR International Conference 2012, 8-12 July, Valencia, Spain

c) The XVIII CIGR World Congress 2014, 16-19 September, Beijing, China

Prof. Shujun Li explained the details of the 18th World Congress in China.

d) The 4th CIGR International Conference 2016, 26-29 June, Aarhus, Denmark

The President explained the details of the 4th International Conference 2016 in Aarhus, Denmark.

e) Candidate for the XIX CIGR World Congress 2018

The CIGR started the process of finding a venue for the 19th World Congress in 2018. France has indicated that they are interested in holding this Congress, but at present it is completely open.

f) Other events sponsored by CIGR

The details of the CIGR International Symposium on Sustainable Bioproduction-Water, Energy and Food, WEF 2011 in Tokyo, Japan were presented by the representative of the International Program Committee, Prof. Haruhiko Murase.

10. Miscellaneous

- New CIGR Supported events are as follows;

- 2nd International Workshop on Computer Image Analysis in Agriculture, 26-28 Aug., 2010, Budapest, Hungary
- 4th International Scientific Conference TAE 2010 (Trends in Agricultural Engineering), 7-10 September 2010, Prague, Czech Republic

- 2010 International Agricultural Engineering Conference
Theme: Innovation, Cooperation, and Share, 16-20 Sep., 2010, Shanghai, China
- AgEng, 39th International Symposium "Actual Tasks on Agricultural Engineering", 22-25 Feb., 2011, Opatija, Croatia
- CIGR International Technical Symposium - Section VI
"Toward a Sustainable Food Chain" 18-20 Apr., 2011, Nantes, France
- XXXIV CIOSTA & CIGR Section V Conference
"Efficient and safe production processes in sustainable agriculture and forestry" in 29 Jun.-1 Jul., 2011, Vienna, Austria
- Concrete for a Sustainable Agriculture Symposium 2011,
18-21 Sep., 2011, Quebec, Canada
- 11th International Congress on Mechanization and
Energy in Agriculture, 21-23 Sep., 2011, Istanbul, Turkey

11. Dates and locations of next Presidium, EB, TB and SB Meetings (Tentative)

- In 2010 the PM will be held on 4th International Scientific Conference TAE 2010 (Trends in Agricultural Engineering), 7-10 September 2010, Prague, Czech Republic, or by Skype.
- The CIGR Meetings in 2011: to be chosen from several candidate events as outlined above (refer to 9.f and 10)
The meeting ended at 17:00.

*Prof. Søren Pedersen
President of CIGR
Prof. Toshinori Kimura
Secretary General of CIGR*

CIGR World Congresses and International Conferences, 2012–2016

CIGR-AgEng2012, International Conference of Agricultural Engineering 8-12 July 2012, Valencia, Spain <http://cigr.ageng2012.org>

CIGR and EurAgEng celebrate this joint International Conference on Agricultural Engineering in Valencia, Spain on July 8-12, 2012. In addition, a Special Parallel Conference on mechanisation and post-harvest technology in developing countries organized by UNIDO and FAO form a part of the Conference.

The Conference covers emerging research and new engineering solutions for food production and rural activities, as a means to enhance human well-being and promote social benefits. New concerns include methods of agricultural, livestock and forestry production, and the preservation of natural resources and landscape by applying modern engineering concepts. Healthier production systems need to encompass higher social and economic benefits.

The CIGR-AgEng2012 Conference is addressed to academia, industry, producers, manufacturers and service providers from all over the world for discussion about novel approaches to integrate agriculture and engineering for enhancing the quality and expectance of life.

The Special Parallel Conference (SPC-08) of mechanization in developing countries will re-examine; the role of agricultural mechanization in economic development on those countries, both for the agricultural and agro-industrial sectors; the policies and strategies necessary to foster mechanization; opportunities for developing local industries for production of machinery and implements; and strategies to develop the technological base for fostering value addition, reducing post-harvest losses and facilitating market access.

Main Topics:

AP: Animal Production Technology.
ED: Education and Curricula.
EN: Energy, biomass and biological residues.
ES: Ergonomics, Safety and Health.
IT: Information Technology, Automation and Precision Farming.
PF: Post Harvest, Food and Process Engineering.
PM: Power and Machinery.
RD: Rural Development.
SE: Structures and Environmental Technologies.
SW: Soil and Water Engineering.

CIGR-AgEng2012 is designed as a large umbrella for seven simultaneous thematic conferences with the goal of promoting the interaction between CIGR and EurAgEng Working Groups.

SPECIAL PARALLEL CONFERENCES, included in the CIGR-AgEng2012 Conference

SPC-01 - EnviroWater'2012 – 15th Inter Regional ENVIRO Water: Soil Water and Environment Management (CIGR-Section I: Land and Water Engineering)
Chair Jose M^a. Tarjuelo, Co-Chair: Guanhua Huang

SPC-02 – CFD Applications on Agriculture Building (CFD). (Working group of the International Society of Horticultural Science- ISHS)
Chair: Ricardo Suay. Co-Chair: In-Bok Lee and Thomas Banhazi

SPC-03 – IV International Workshop on Computer Image Analysis in Agriculture (CIGR Working Group on Image Analysis for Agricultural Products and Processes)
Chair: José Blasco, Co-Chair: Victor Alchanatis and Manuela Zude

SPC-04 - 5th Automation Technology for Off-Road Equipment Conference

Chair: Francisco Rovira-Más, Co-Chair: Qin Zhang

SPC-05 - ILES IX - International Livestock Environment Symposium

Chairs: Richard Gates and Maria Cambra, Co-Chair: Tami Brown-Brandl and Daniela Jorge de Moura

SPC-06 - Applications of smart sensors and wireless sensor networks (WSN) in PLF (Precision Livestock Farming) and PA (Precision Agriculture)

Chairs: Pilar Barreiro Co-Chair: Esmæil Nadimi

SPC-07 - Silos and Granular Materials (SIGMA)

Chairs: Francisco Ayuga Co-Chair: Jørgen Nielsen

SPC-08 - Creating a competitive edge through agricultural mechanization and post-harvest technology in developing countries

Chairs: Chakib Jenane and Josef Kienzle. Co-Chair: Antonio Torregrosa

Relevant Information and Contact

Deadlines

Submission of abstracts on-line via CIGR-AgEng2012 website: **1 December 2011**

Notification of acceptance: **February 2011**

Submission of full papers: **30 April 2012**

Final programme: **20 May 2012**

Web page, registration and call for papers

Further information on the conference, registration and call for papers can be found in the conference website: <http://cigr.ageng2012.org/>

CONTACT

Florentino Juste

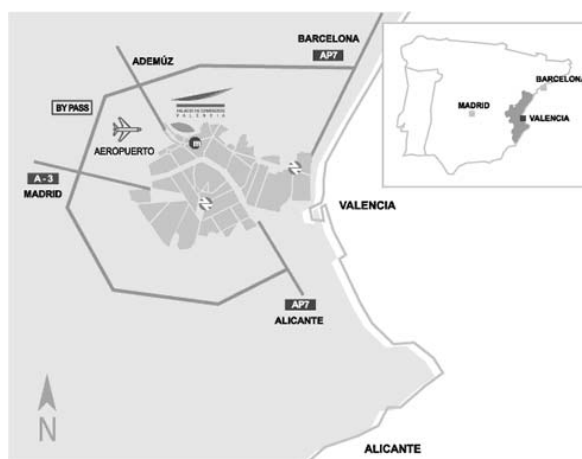
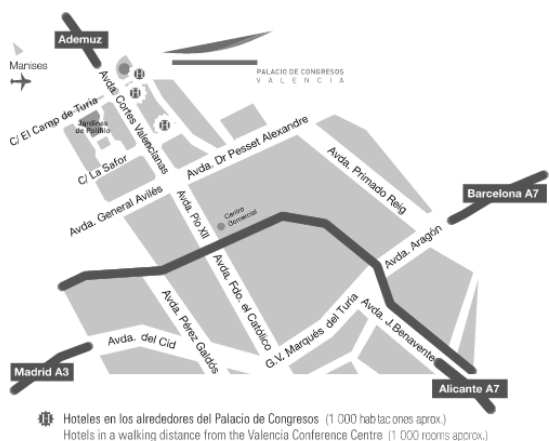
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CIGR-AGENG 2012: TENTATIVE PROGRAMME AT A GLANCE

Time	Polytechnic University of Valencia (UPV)		Valencia Conference Centre (VCC)				THURSDAY July 12
	SATURDAY July 7	SUNDAY July 8	SUNDAY July 8	MONDAY July 9	TUESDAY July 10	WEDNESDAY July 11	
7,30-8,00				REGISTRATION	REGISTRATION	REGISTRATION	
8,00-8,30				OPENING CEREMONY	KEYNOTE SPEAKER	KEYNOTE SPEAKER	
8,30-9,00				KEYNOTE SPEAKER	ORAL SESSION (Concurrent)	ORAL SESSION (Concurrent)	
9,00-9,30				COFFEE BREAK	COFFEE BREAK	COFFEE BREAK	
9,30-10,00	CIGR - Presidium Meeting	CIGR - Technical Board Meeting	EurAgEng - Past President Meeting	ORAL SESSION (Concurrent)	COFFEE BREAK	COFFEE BREAK	TECHNICAL TOURS (6 Concurrent Tours)
10,00-10,30				ORAL SESSION (Concurrent)	COFFEE BREAK	AET - COFFEE	
10,30-11,00		SPECIAL SESSION		ORAL SESSION (Concurrent)	ORAL SESSION (Concurrent)	AET - Workshop	
11,00-11,30		LUNCH		LUNCH	LUNCH	LUNCH	
11,30-12,00		CIGR - Section Meetings	EurAgEng - Council Meeting	POSTER SESSION	POSTER SESSION	AET - Workshop	
12,00-12,30		CIGR - Executive Board Meeting	Biosystems Engineering - Editorial Board	ORAL SESSION (Concurrent)	ORAL SESSION (Concurrent)	ORAL SESSION (Concurrent)	
12,30-13,00			COFFEE BREAK	COFFEE BREAK	Closing Ceremony	AET - COFFEE	
13,00-13,30			WELCOME RECEPTION + BUFFET	ORAL SESSION (Concurrent)	The 52nd CIGR General Assembly	COFFEE BREAK	
13,30-14,00				COFFEE BREAK	ORAL SESSION (Concurrent)	AgEng2014 Exchange Meeting	
14,00-14,30				AWARD CEREMONY			
14,30-15,00				GALA DINNER			
15,00-15,30							
15,30-16,00							
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21,30-22,00							
22,00-23,00							



Schedule of CIGR Business Meetings in 2012

7 July (Sat)

Time	Meeting
9:30-13:00	Presidium meeting
15:00-18:00	The 67th Executive Board meeting

8 July (Sun)

Time	Meeting
9:00-11:30	Technical Board meeting
14:00-16:30	Section I Board meeting
14:00-16:30	Section II Board meeting
14:00-16:30	Section III Board meeting
14:00-16:30	Section IV Board meeting
14:00-16:30	Section V Board meeting
14:00-16:30	Section VI Board meeting
14:00-16:30	Section VII Board meeting
16:30-18:30	CIGR Journal meeting

10 July (Tue)

Time	Meeting
17:00-18:30	The 52nd CIGR General Assembly
18:30-20:00	Award Ceremony

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

The XVIII World Congress of the International Commission of Agricultural and Biosystems Engineering (CIGR) will be held in Beijing, China from 16-19 September 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.

Theme

Agricultural and Biosystems Engineering - Upgrading Our Quality of Life

Time

16-19 September 2014

Venue

Beijing

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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The 4th CIGR International Conference - AgEng Conference-2016 Robotics, Environment and Food Safety 26-29 June 2016, Aarhus, Denmark

The Conference will be carried out at University of Aarhus 26-29 June 2016 as a joint event between CIGR (International Commission of Agricultural and Biosystems Engineering) and EurAgEng (European Society of Agricultural Engineering) and cosponsored by NJF (Nordic Association of Agricultural Scientists) and Aarhus University.

Planning and implementation of the congress will be carried out in close cooperation with "KongresKompagniet A/S", which is a conference organizer bureau in Aarhus.

Contact: Prof. Søren Pedersen

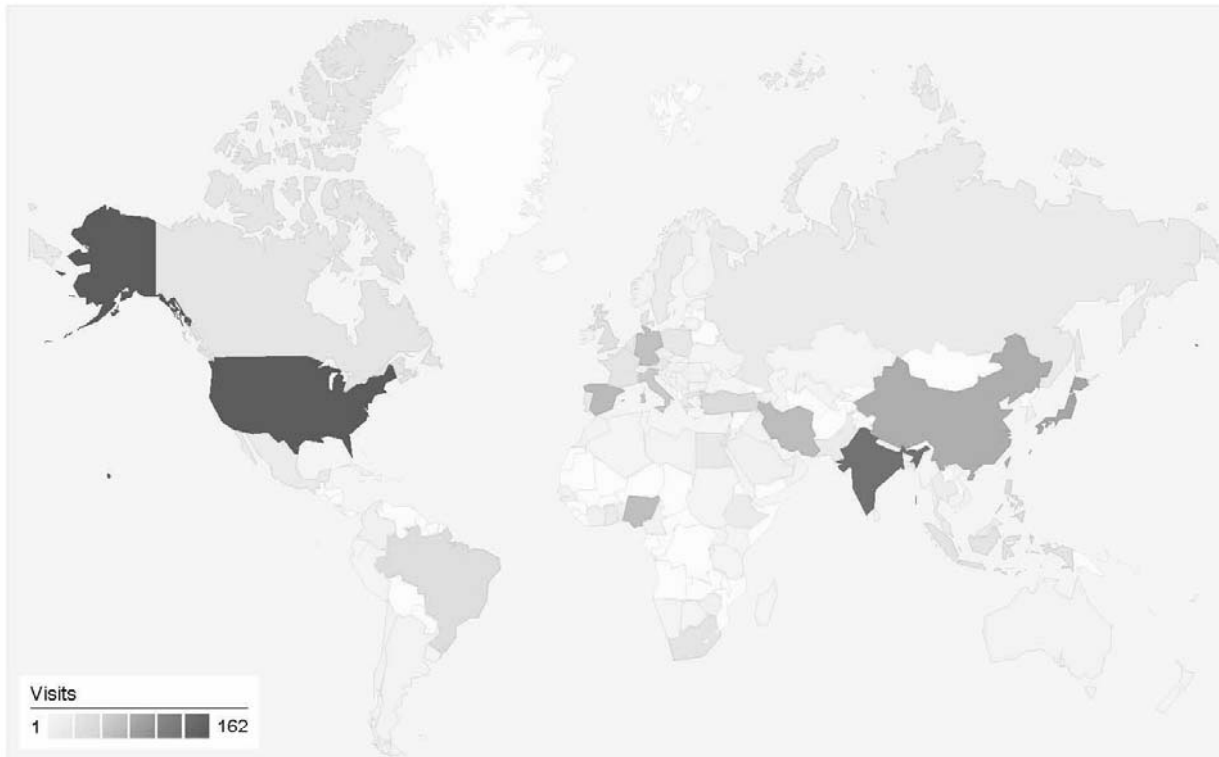
Email: soeren.pedersen@agrsci.dk

CIGR Web site report for 1-29 Feb 2012

Access data pertaining to the CIGR web site for 1 - 29 Feb 2012 is given below.

cigr.org
Map Overlay

Feb 1, 2012 - Feb 29, 2012
Comparing to: Site



1,808 visits came from 109 countries/territories

Site Usage

Country/Territory	Visits	Pages/Visit	Avg. Time on Site	% New Visits	Bounce Rate
Visits 1,808 % of Site Total: 100.00%	Pages/Visit 2.15 Site Avg: 2.15 (0.00%)	Avg. Time on Site 00:01:54 Site Avg: 00:01:54 (0.00%)	% New Visits 68.31% Site Avg: 68.31% (0.00%)	Bounce Rate 61.06% Site Avg: 61.06% (0.00%)	
United States	162	1.69	00:00:31	77.16%	72.22%
India	137	2.46	00:02:21	85.40%	54.74%
(not set)	98	1.28	00:01:10	74.49%	81.63%
Japan	89	3.29	00:03:07	42.70%	43.82%
China	84	3.25	00:03:18	35.71%	46.43%
Spain	75	2.41	00:01:17	65.33%	60.00%
Iran	73	2.34	00:01:59	53.42%	53.42%
Nigeria	72	1.62	00:02:06	79.17%	80.56%
Germany	70	2.31	00:01:14	72.86%	54.29%
Italy	63	2.16	00:01:42	55.56%	38.10%

1 - 10 of 109

Google Analytics

2. NEWS FROM REGIONAL AND NATIONAL SOCIETIES

Indian Society of Agricultural Engineers

Established in October 1960, the Indian Society of Agricultural Engineers is a non-profit, technical, scientific and educational society committed to improve agriculture through engineering interventions. The present strength of the society is about 3200 members including the foreign members. The members of the society are from academia (both from India and abroad), industry, government departments, and non-governmental organizations. The activities of ISAE include information services, regarding national and international conferences and new developments in agricultural engineering. It also works for strengthening the Profession by recognizing member's professional accomplishments by updating education and promoting agricultural engineering understanding among all concerned with agriculture. The



Prof. Gajendra Singh

society conducts special activities like interactions with other national and international engineering scientific societies. The society undertakes technical activities through seminars, national symposium and publications. There are 25 Chapters located in different parts of the country undertaking technical activities in the areas of Farm Machinery and Power, Soil and Water Engineering, Processing, Dairy and Food engineering and Energy in Agriculture. The society organizes one major annual activity called the ISAE convention and a symposium. The chapters also organize national seminars on relevant topics. The publications of the society include Journal of Agricultural Engineering, Agricultural Engineering Today and E-newsletter. For details about the society please visit the official website of the society: www.isae.in

Prof. Gajendra Singh

President of ISAE

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Website: www.isae.in

3. NEWS FROM SECTIONS AND WORKING GROUPS

1st Announcement PAWEES 2012 International Conference on “Challenges of Water & Environmental Management in Monsoon Asia” 27-29 November 2012, Thailand

Aims and Scope

The objective is to provide a platform for researchers, scientists, practitioners, and policy makers to share and present new advances, research findings, perspectives, and experiences in Paddy and Water Environment and related disciplines. Special attentions will be given to developing certain skills or competence, or general upgrading of performance ability for climate change adaptation, participatory irrigation and environmental management, and sustainable development in irrigation and drainage in the monsoon Asia. The conference will bring together leading researchers, engineers, scientists, and officials in the domain of interest from around the world.

Topics of the conference are:

- Climate Change and Uncertainty
- Participatory Management for Irrigation Projects
- Emerging Technologies in Water Management
- Environmental Sustainability in Paddy Irrigation and Drainage

Call for papers

Authors are invited to submit abstracts and/or papers to a scientific committee of the conference who will be responsible for evaluating the submitted abstracts and papers. The notification of acceptance will be dispatched after the decision making from the scientific committee. The authors of accepted abstract and/or papers are then requested for full papers. Only accepted papers will be published in the proceeding. About 10 selected full papers will be published after peer-review in the international journal of PADDY AND WATER ENVIRONMENT (ISSN print edition: 1611 - 2490; ISSN electronic edition:1611-2504) free of charge. The proceeding can be collected at the registration desk.

Language

The official language of the conference will be English. All abstracts, papers and posters should be submitted in English.

Instruction for authors

Authors are requested to submit abstracts of their papers through email: pawees2012@gmail.com (in Adobe PDF version or Microsoft Word version). Abstract should be written in English within 250 words excluding the title of the paper, author name(s), affiliation(s), and keyword(s) that should be displayed at the top of the page. Please refer to formatting instructions at http://pawees.net/?page_id=206.

Deadlines for Abstract and Full Paper Submissions (Tentative)Abstract Submission: **31 May 2012**Notification of Acceptance: **30 June 2012**Full Paper Submission: **31 September 2012****Local sponsors**

Faculty of Engineering, Chulalongkorn University
 Faculty of Engineering (Kamphangsae), Kasertsart University
 Royal Irrigation Department

Tentative Schedule

DAY 1: PAWEES 2012 International Conference

DAY 2: PAWEES 2012 International Conference (cont.)
 11th PAWEES Award Ceremony and Annual Meeting
 Cultural events (Water Festival)
 Day 3: Technical tour (Eastern Bangkok)

Venue

RID Training Center
 Pak-kred, Nonthaburi, Thailand

Contact

Dr. Sucharit Koontanakulvong (Chulalongkorn University):
 Sucharit.k@chula.ac.th

4. CIGR SUPPORTED ACTIVITIES

The 5th International Conference Trends in Agricultural Engineering 2013

Prague, Czech Republic,
 3-6 September 2013

The 5th International Conference Trends in Agricultural Engineering 2013 (TAE 2013) is organised by Czech University of Life Sciences Prague, Faculty of Engineering and it will be held in Prague, 3-6 September 2013. The first conference was organised in the year 1994. The previous one was organised in the year 2010 and there 157 participants took part and 6 important guests had plenary invited lectures. We believe that our conference will be the successful continuation of the previous conferences and the participants will use the opportunity to exchange new experiences, ideas and scientific results in the so complicated complex of scientific discipline.

Nineteen years of the conferences on the trends in agricultural engineering represent also the years of changes in this discipline. At the beginning of this period the main domain of the discipline consists mainly in improving of the agricultural machinery, development of automation and robotics. Now, the main role consists in detection of the product quality and in developing of the agricultural technologies more precise and friendly related to environment.

Conference topics:

- Precision Farming
- Energy Sources
- Physical Methods in Agriculture
- Agricultural Engineering
- Soil Management and Protection
- The Others

The important information is on the official conference page: <http://www.conference.cz/tae2013>

*Prof. Martin Libra
 Chairman of the conference*

Report on the 40th International Symposium

Actual Tasks on Agricultural Engineering

21–24 February 2012, Opatija, Croatia

The 40th International Symposium Actual Tasks on Agricultural Engineering was held on 21st-24th February 2012 in Grand Hotel "Adriatic" Opatija, Republic of Croatia. The principle Organiser, Agricultural Engineering Department, Faculty of Agriculture, University of Zagreb was supported by the following frameworks: Department of Agricultural Engineering, Faculty of Agriculture, University J.J.Strossmayer, Osijek, Department of Bio-systems Engineering, Faculty of Agriculture, University of Maribor (Slovenia), Agricultural Institute of Slovenia, Hungarian Institute of Agricultural Engineering Gödöllő and Croatian Agricultural Engineering Society. In addition, CIGR, EurAgEng, AAEE, AAESSEE (Association of Agricultural Engineers of South Eastern Europe) and ASABE bestowed their support and endorsement on the Event.

This year 70 participants from 9 countries attended the Symposium. It consisted of an Opening Session and six Topic Sessions covering all the broad subject-areas that fall under the scope of Agricultural Engineering. At the Opening Session Prof. Dr. Peter Schulze-Lammers, President of the EurAgEng, in his speech highlighted briefly the main historical steps of the symposium emphasising its significant role as a gathering event for scientists, engineers and dealers from south-east European countries and brought the greetings of EurAgEng and CIGR. The Convenor, Prof. Dr. Silvio Kosutic ended the Opening Session with the greetings of the Croatian Society of Agricultural Engineering to the audience. A number of lectures followed, among which are worth mentioning: "Water droplet trajectories in an irrigation spray: the classical and quantum mechanical pictures" presented by Prof. Dr. Daniele De Wrachien from Italy, "Actual tasks of the technical development in agriculture" given by Prof. Dr. Istvan Husti and BSc Miklos Daroczi from Hungary, "Researches regarding the noise conversion from tractor engine in order the intake manifold noise" featured by Prof. Dr. Nicolae Filip from Romania, "Development of a method for assessing the performance of agricultural biogas plants" delivered by MSc

Djordje Djatkov from Serbia, "Dynamics of heat exchange in strawberries in an open field at night-frost conditions" proposed by Madis Pennar from Estonia, "Introduction to the greenhouse decision support model" introduced by Dr. Sc. Aleksandra Dimitrijevic from Serbia, "Possibilities of OSR energy production grown at heavy metals contaminated areas" highlighted by Dr. Sc. Viktor Jejcic from Slovenia and "Determining the cost matrix of straw cereals combine harvesters, according to equipment quality and engine power" presented by Prof. Dr. Valentin Vladut from Romania. In the Topic Sessions, each starting with a review report, 45 papers were discussed, in oral presentation. At the Closing Session the Convenor emphasised the role of EurAgEng and CIGR in the ecologically sustainable development of agriculture and in the preservation of the rural cultural heritage within the East-European countries. Participants were given printed copies of the Proceedings consisting in volumes of 597 pages, containing 57 papers all peer reviewed. Papers from the Proceedings have been indexed in Thomson Reuters (The Conference Proceedings Citation Index, a Web of Science® database) since 1997. Maziva Zagreb d.d.-INA group (national petrol company) presented its new palette of bio-degradable oils emphasising the progress made in keeping pace with well known worldwide competitors. Other companies like Same-Deutz Fahr, Celli, Trimble and Hardy highlighted their current programmes by means of video and oral presentations during afternoon Sessions.

Downloadable electronic version of proceedings of the 40th symposium is available at symposium's web site <http://atae.agr.hr/proceedings.htm> Information regarding the 41st Symposium in the year 2013 will soon be available at the web site: <http://atae.agr.hr>

Prof. Silvio Kostic, Convenor of the Symposium
Prof. Daniele De Wrachien, Past President of EurAgEng



5. PUBLICATIONS

Agricultural Engineering International The CIGR Ejournal

Prof. Lanfang Zhang, Editor-in-Chief
ISSN 1682-1130

Submit manuscripts for peer review to
www.CIGRjournal.org

From Jan.1st, 2012, I started serving as the Editor-in-Chief of CIGR Journal. I am honored to be entrusted to the voluntary work for CIGR Journal on one hand and feel the challenges on the other hand. My goal is to work closely with the CIGR Presidium, Section Chairs and Section Editors for a better job for CIGR Journal during my serving term.



Prof. Zhang Lanfang

Since the implementation of Open Journal System (OJS) by the CIGR Journal, the numbers of manuscript submissions and registered users continue to increase. The table below shows the statistics for the CIGR Journal from October to December 2011 after using OJS.

2011 Statistics for the CIGR Journal (October – December)

Issues (Vol.13, No.1, 2, 3, 4, 2011)	Published 3 (No. 4 in publishing)
Items (Research papers)	Published 16 in No.3
Total new submissions	41

Peer reviewed	6
Held at section editor's hand	24 (58%)
In review with some review comments	12(29%)
In review without review comments	22(54%)
Accepted	0
Declined	7 (17%)
Resubmitted	0
Days from submission to complete review	Over 60
Days from submission to publication	Over 120

Note: Percentages for peer-reviewed submissions sometimes may not add up to 100% as items resubmitted are either accepted, declined or still in the process of review.

From October to December of the year 2011, 41 manuscripts were submitted, which is much more in number than 30 from July to September 2011. The average time to conduct a review and publish a manuscript is over 120 as we can see many submissions (58%, more than 43% in the last season) were in the queue awaiting review by Section Editors. This is due to a number of reasons, such as unsmooth transition after the retirement of some Section Editors, too much workload on limited number of Section Editors, improriciency of online review using OJS, and some other personal reasons. Many authors complain about the long delay.

Considering the above-mentioned reasons, the following measures have been taken to speed up the editorial process since I served as the Editor-in-Chief of CIGR Journal from Jan. 1st, 2012:

1. Fourteen candidates of Section Editors were recommended to the CIGR Presidium on Jan. 23, 2012 and the name list was sent to the Section Chairs on Feb. 12, 2012;
2. The statistics of the status of manuscripts in OJS was done with the purpose of finding out the urgent problems which need to be addressed solved in priority. They were sent to the Presidium members, Section Chairs and Section Editors on Feb. 12, and 14, 2012, respectively;
3. All the registered reviewers were asked to complete their expertise in OJS database on Feb. 25, 2012 in order to make the job easier for the Section Editors in selecting reviewers;
4. Reminding e-mails were sent to all Section Editors in Feb. 2012 in connection with all stagnating manuscripts;

Up to February 21, 2012, the total number of registered users in CIGR Journal through OJS reached 7649 with 83

new users in 2012, registered readers 7082 with 62 new in 2012, however, among which 1176 were registered as reviewers in the journal database. If you are registered as a reviewer in the CIGR OJS system, you are strongly encouraged to follow the request and complete your reviewing interests by re-editing your profile. CIGR Journal warmly welcomes your participation and appreciates your support. If you have not registered in the CIGR Journal, please do so by going to the website and registering as an author and/or reviewer. Moreover, in order to increase the number of reviewers, authors are encouraged to recommend 3-5 qualified peer experts as the potential reviewers of their manuscripts when they submit to CIGR Journal.

Moreover, in all there are 210 manuscripts submitted to CIGR Journal, with 5 papers accepted and in editing, and the rest are still in review process. Thank you.

Prof. Zhang Lanfang
Editor-in-Chief of CIGR Journal

CIGR Section Boards (for 2011)	
Section I: <i>Land and Water</i>	(Chair: Guanhua Huang [China])
Section II: <i>Structures and Environment</i>	(Chair: Thomas Banhazi [Australia])
Section III: <i>Plant Production</i>	(Chair: John K. Schueller [USA])
Section IV: <i>Energy in Agriculture</i>	(Chair: Janusz Piechocki [Poland])
Section V: <i>System Management</i>	(Chair: Claus Gron Soerensen [Denmark])
Section VI: <i>Bioprocesses</i>	(Chair: Linus Opara [South Africa])
Section VII: <i>Information Technology</i>	(Chair: Seishi Ninomiya [Japan])

All correspondence and information on forthcoming activities should be sent to:

CIGR GENERAL SECRETARIAT

Professor Dr. Toshinori Kimura, Secretary General

Associate Professor Dr. Yutaka Kaizu, Editor in Chief

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