

International Commission of



Agricultural Engineering

CIGR

Newsletter Quarterly

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Since 1930–2007
77 Years of CIGR

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

1. CIGR NEWS

Letter from the President

Dear colleagues, friends and members of CIGR,

It is an honor to preside over the CIGR during the next two years for several reasons, and in particular, for being the first Latin American, and the first woman to be in this position since its inception in 1930.

My first contact with CIGR was during the 1980 CIGR World Congress in the USA when I was a doctoral student at the Michigan State University; then, I was very impressed with the possibilities of uniting professionals from all over the world having a common goal, which was the promotion of the development of agricultural processes in order to support food production more efficiently.

The Founding Declaration enhances the role of CIGR by promoting liaison, coordination and initiative. The global scenario has changed since then in several aspects; however, the need for Agricultural Engineering concepts and its applications have never been needed as much as it is today. Today, the entire world is dependent on biological and agricultural systems for the production of food, energy and fiber, and in the conservation of natural resources.

Nowadays, our qualified professionals are required to contribute to the rapidly expanding technology base, as well as to play important roles in decision-making processes.

New solutions at different levels are still required for old problems in order to ensure the development of rural communities, and to alleviate the problem of lack of food for every single person in world. Studies conducted by the World Bank and the United Nations have shown that appropriate



technology is critical for bringing more than three billion people out of poverty; further, engineering response must match the user requirements, complexity and scale; moreover, it must be designed to promote self-reliance, cooperation and responsibility. Developed countries are investigating improvements in agricultural productivity through the use of the most modern technological tools, and it is engineering processes that provide the answers with new effective products having innovative design.

Agricultural Engineering has played a significant role in the industrialization of world agriculture, and it was certainly the most effective tool of development in the last century. People will always need food, energy, fibers, and clean drinking water to survive; and ultimately, with the increasing world population, commitment to sustainable agricultural production is urgent. It is my belief that Agricultural Engineering with its multidisciplinary approach still has the answers for making the world a better place.

During this term, I intend to reinforce the interactions among the CIGR Members by supporting actions through the Technical Sections, which play a strong part in involving creative thinking regarding specific topics. My approach will focus on bringing engineering to the daily lives of people, and to attempt to motivate all the members towards achieving this goal.

Please accept my whole-hearted invitation toward developing new ideas together for ensuring a brighter future.

President of CIGR
Irenilza de Alencar Nääs

CIGR World Congresses and Conferences 2008–2014

CIGR International Conference of Agricultural Engineering, Rio 2008, Brazil, 31 Aug.–4 Sept. 2008 <http://www.acquacon.com.br/icae/>

The conference will be held in Rio de Janeiro, Brazil from 31 Aug.–4 Sept. 2008. The main theme is ‘Technology for all and sharing knowledge for development’.

The following Technical Sessions have been planned:

1. Structure and Environment
2. Bio-Systems Engineering
3. Foods and Feeds Processing Technology
4. Information Technology
5. Energy
6. Soil and Water
7. Power and Machinery
8. Issues without Frontiers

Dates and Deadlines

August 1st, 2007–February 10, 2008 - Submission of extended abstract

March 15th, 2008–Notification of acceptance

June 15th, 2008–Registration for authors and with discounts

June 15th, 2008–Final Program

August, 31 to September 04, 2008–Conference

The XVII CIGR World Congress 2010, Québec, Canada, 13–18 June 2010 <http://www.bioeng.ca/Events/CIGR/index.htm>

The International Commission of Agricultural Engineering (known as CIGR from its French name, Commission Internationale de Génie Rural) will hold its XVII World Congress in Québec City, Canada during the period of June 13–18, 2010. The Canadian Society for Bioengineering—Société canadienne de génie agroalimentaire et de bioingénierie (CSBE/SCGAB)—will be the host Society.

Meetings will be held at the Québec City Convention Centre located in the heart of Québec City. The scientific program will include sessions covering all technical sections of CIGR. Technical tours will provide opportunities to explore research farms, universities and historical sites.

The call for papers is expected to happen in fall 2008.

For regular updates on the Congress, you may consult the following site:

<http://www.bioeng.ca/Events/CIGR/index.htm>

You may also contact the following persons:

Chair of the local organizing committee

Dr. Stéphane Godbout, ing., agr., Institut de recherche et de développement en agroenvironnement
stephane.godbout@irda.qc.ca

Chair of the scientific program committee

Dr. Philippe Savoie, ing., agr., Agriculture and Agri-Food Canada, savoiep@agr.gc.ca

CIGR International Conference 2012

Some societies have submitted applications to host the CIGR International Conference 2012. Themes and venues for the 2012 Conference have still not been decided.

XVIIIth CIGR World Congress, 2014 September 2014, Beijing, China

Sponsors

The sponsors of CIGR 2014 World Congress will include many international and national organizations engaged in agricultural engineering. The proposed sponsors are as follows:

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

Co-sponsors

- 1) China Association of Agricultural Machinery Manufacturers
- 2) China Food and Packaging Machinery Industry Association
- 3) Local government offices, local, regional and international associations, societies and institutions engaged in agricultural engineering; these will be included later.

Organizers

Chinese Academy of Agricultural Mechanization Sciences (CAAMS)

Chinese Academy of Agricultural Engineering (CAAE)

China Agricultural University

Topics

- Land and water engineering
- Farm buildings, equipment, structures and environment
- Equipment engineering and for plant production
- Rural electricity and other energy resources
- Management, ergonomics and systems engineering
- Post-harvest technology and processing engineering
- Information systems

The detailed program will be finalized later from the CIGR sections themselves.

Time and Venue September 2014, Beijing

Since the 2008 Olympics will be held in Beijing, more convention centers and hotels with very good facilities for holding large-scale meetings will be available. Many more options will be available according to the scale and activities of the Congress.

Other CIGR News

Next CIGR Meetings

The next CIGR meetings, including the Presidium meeting, Executive Board meetings, Technical Board meetings and ad hoc committees will be held from 1–3 July 2007 at the EFITA/WCCA 2007 conference in Glasgow (<http://www.efitaglasgow.org/>). We have arranged the meeting room in the campus of Glasgow Caledonian University in coordination with the organizing committee of the EFITA/WCCA 2007 conference.

Schedule of the 2007 CIGR Meeting in Glasgow		
Date	Time	Meeting
July 1	9:00–12:00	Ad hoc Committee for the Revision of CIGR Statutes
	13:00–17:00	CIGR Presidium
July 2	13:00–17:00	Joint Meeting of Executive and Technical Boards
July 3	9:00–12:00	Ad hoc Committee for Upgrading the CIGR Website

CIGR General Secretariat moved to the new office

In the beginning of May 2007, we moved to the new office in the campus of University of Tsukuba. The office is near the administrative office of Univ. of Tsukuba and is surrounded by many kinds of trees.

Contact Address is the same as before.



Front garden of the new CIGR office in the Univ. of Tsukuba

2. News from National and Regional Societies

CIGR National Members

Today, there are 192 nations in the world. CIGR comprises those societies that are relevant to agricultural engineering; there are 90 nations with such societies. Among these societies, the following 15 National Members are CIGR members:

1. AUSTRALIA: Society for Engineering in Agriculture (SEAg), Institution of Engineers of Australia, 11 National

Circuit, Barton ACT, OC 2600, AUSTRALIA,

Tel.: 61262270555, Fax: + 612622731488

URL: <http://www.ncea.org.au/seag/seag.htm>

2. BRAZIL: Associação Brasileira de Engenharia Agrícola (SBEA) and Faculdade de Ciências Agrárias e Veterinárias

<<http://www.fcav.unesp.br>>, Câmpus de Jaboticabal

Departamento de Engenharia Agrícola

Via de Acesso Prof. Paulo Donato Castellane, s/nº

14884-900, Jaboticabal, SP, BRASIL,

Tel.: + 5516 3203-3341, Fax: + 5516 3203-3341

email: sbea@sbea.org.br

URL: <http://www.sbea.org.br>

3. CANADA: Canadian Society for Bioengineering

(CSBE/SCGAB), PO BOX 23101 RPO MCGILLIVRAY

Winnipeg MB NA R3T 5S3, CANADA,

Tel.: + 1 204 233 1881, Fax.: + 1 204 231 8282

Email: bioeng@shaw.ca

URL: <http://www.bioeng.ca>

4-1 CHINA: Chinese Society of Agricultural Engineering

(CSAE), 41 Maizidian Street, Chaoyang District, Beijing

100026, CHINA,

Tel./ Fax: + 86 10 65929450

Email: hqcsae@agri.gov.cn

URL: <http://www.csae.org.cn>

4-2 CHINA: Chinese Society for Agricultural Machinery

(CSAM), No. 1 Beishatan, Deshengmen Wai, Beijing

100083, CHINA,

Tel.: +86 10 64849687, Fax: +86 10 64883508, 64882291

E-mail: csamcn@yahoo.com.cn

URL: <http://www.agro-csam.org>

5. CZECH REPUBLIC: Czech Agriculture Society (CZS)

Novotného lavka 5, Praha 1, 116 68, CZECH REPUBLIC

Tel.: + 422319981, Fax: + 422261897

6. FRANCE: Société des Ingénieurs du Machinisme

Agricole & Association Française du Genie Rural

(SITMAFGR), 19, rue Jaques Bingen, 75017 Paris,

FRANCE,

Tel. :+33 0142 12 85 90 Fax. :+33 01 40 54 95 60

Email: contact@sitmafgr.com

7. IRAN: Iranian Agricultural Engineering Research

Institute (IAERI), Ministry of Agriculture, P.O.B.

31585-845 Karaj, IRAN,

Tel.: + 98261241116, Fax: + 98261226277

8. ISRAEL: Israeli Society of Agricultural Engineering

(ISAE), Agricultural Research Organization, The Volcani

Center, P.O. Box 6, AS 50250 Bet Dagan, ISRAEL,

Tel.: + 97239683303, Fax: + 97239604704

E-mail: ganmor@volcani.agri.gov.il

<http://www.agri.gov.il/AGEN/ISAE/ISAE.html>

9. JAPAN: Science Council of Japan (SCJ), National Committee for CIGR

7-22-34 Roppongi, Minato-ku, Tokyo 106-8555, JAPAN,

Tel.: +81-3-3403-1091, Fax.: +81-3-3403-1640

E-mail: s252@scj.go.jp

URL: <http://www.scj.go.jp/>

10. KOREA: Korean Society for Agricultural Machinery

(KSAM), National Institute of Agricultural Engineering,

Rural Development Administration, 249th, Seodun-dong,

Gwonseon-gu, Suwon, Gyeonggi-do 441-100, REPUBLIC

OF KOREA,

Tel.: +82312932392, Fax: +82312941815

E-mail: ksam2392@kornet.net

11. MOROCCO: Association Nationale des Améliorations Foncières, de l'Irrigation et du Drainage (ANAFID)

2, rue Haroun Errachid Agdal, Rabat, MOROCCO,

Tel.: + 2127670320, Fax: + 2127670303

<http://www.anafid.org>; anafid@menara.ma

12. POLAND: Polish Association of the International

Commission of Agricultural Engineering,

Palac Kultury i Nauki Warszawa 00-901, POLAND,

Tel.: 6203371, Fax: 620492

13. SLOVAKIA: Slovak National Committee (ZSVTS),

Kocel'ova 15, Bratislava, 815 94 SLOVAKIA,

Tel.: + 421768575, Fax: + 421768574

14. SOUTH AFRICA: South African Institute for

Agricultural Engineering (SAIAE),

Private Bag X519, Silverton, Pretoria 0127, SOUTH AFRICA,

Tel.: + 27128424009, Fax: + 27128040753

Email: felixr@ing1.agric.za

15. TURKEY: Turkish Chamber of Agricultural

Engineering, Karanfil Sok. 28/19 Kizilay, Ankara 06440,

TURKEY,

Tel/Fax: +902323427642, E-mail: kamil.sindir@ege.edu.tr

This issue of the CIGR NL77 features certain National Members. Two National Members, Japan and China, contributed this information. A National Member is always welcome to send us information regarding their society for CIGR NL.

Science Council of Japan, National Committee for CIGR



Science Council of Japan
7-22-34 Roppongi, Minato-ku
Tokyo 106-8555, Japan
Tel: 81-3-3403-1091. Fax:
81-3-3403-1640
URL: <http://www.scj.go.jp/>

Founded:

The Science Council of Japan (SCJ) was established in 1949 under the Prime Minister's Office. Members of SCJ are appointed by the Prime Minister. They represent approximately 790,000 scientists in Japan. The SCJ represents Japanese academic organizations. The National Committee for CIGR in the SCJ is the formal representative organization of Japan for CIGR since SCJ joined CIGR in 1995 as its national member.

Before 1994, the national member of Japan for CIGR was the Japan Association of International Commission of Agricultural Engineering (JAICAE), which was a federation of 10 agricultural engineering societies in Japan. The national member was changed from JAICAE to SCJ in order to strengthen international activities in the academic world.

Since JAICAE covers all fields of agricultural engineering and has conducted various academic activities, the National Committee for CIGR in SCJ operates under close collaboration with JAICAE.

Structure:

The National Committee for CIGR in SCJ comprises 30 members from SCJ, JAICAE and CIGR. The Committee holds its meetings to discuss and decide on affairs related to CIGR and reports its activities to the General Assembly of SCJ. The National Committee for CIGR consists of the Chair, Vice Chair, 3 Secretaries and 25 other members including all board members of JAICAE and CIGR Executive and Section Boards from Japan.

Executives of the National Committee for CIGR in SCJ from 2006 to 2009:

Chair: Prof. Osamu Kitani, Advance Research Institute for Sciences and Humanities, Nihon University, 6F Ichigaya Tokyu Building, 2-1 Kudan-kita 4-chome, Chiyoda-ku, Tokyo 102-0073, Japan

Vice Chair: Prof. Taichi Maki (President of JAICAE), JAICAE Office, c/o JSIDRE, 34-4, 5-chome, Shinbashi, Minato-ku, Tokyo 105-0004, Japan and Faculty of Agriculture, University of the Ryukyus, Senbaru 1, Nishihara, Nakagami, Okinawa 903-0213, Japan

Secretaries: * Prof. Noboru Noguchi, Graduate School of Agriculture, Hokkaido University, Nishi-9 chome, Kita-9 jou, Sapporo 060-8589, Japan

*Prof. Takaaki Maekawa, Graduate School of Life & Environmental Sciences, University of Tsukuba, 1-1-1 Tennodai, Tsukuba 305-8572, Japan

*Prof. Haruhiko Murase, Graduate School of Agriculture and Biological Sciences, Osaka Prefecture University, 1-1 Gakuen-cho, Sakai 5999-8531, Japan

Other Members: Board members of JAICAE and members of CIGR Executive and Section Boards as well as other key persons from Japan for CIGR (25 persons)

Number of members: 30

Purpose of the Committee:

1. To promote the science and art of agricultural engineering through CIGR activities,
2. To represent agricultural engineers in Japan to CIGR and to other international organizations,
3. To foster agricultural engineering in Japan in collaboration with other committees in SCJ.

Main Activities:

1. Delegation of representatives to the General Assembly and Executive Board Meeting of CIGR,
2. Recommendation of candidates for the CIGR Executive and Section Boards,
3. Promotion of CIGR activities in Japan,
4. Support of the CIGR General Secretariat and Secretary-General in Tsukuba,
5. Cooperation with regard to overseas activities for CIGR.

Managed events:

1. Delegation of representatives from Japan to the General Assembly of CIGR in Bonn in 2006,
2. Support for the Secretary-General in Tsukuba for his travel to Bonn in 2006,
3. Cooperation in opening the International Symposium 'Sustainable Food Production System through Information Technology', which was held on March 29, 2007 at the Science Council, Japan.
4. Discussion on the CIGR section activities on the basis of the reports by the Section Board members from Japan on December 20, 2006 and March 20, 2007.
5. Discussion on the planning of an inter-sectional symposium of CIGR in the future.

Publications of Academic Journal:

Nine academic societies that belong to JAICAE publish academic journals.

Name of Academic Society (abbreviation): [Name of Journal]

Japanese Society of Irrigation, Drainage and Reclamation Engineering (JSIDRE): [Transactions of JSIDRE]

The Association of Rural Planning (ARP): [Journal of Rural Planning Association]

The Society of Agricultural Meteorology of Japan (SAMJ): [Journal of Agricultural Meteorology]

The Society of Eco-Engineering: [Eco-Engineering]

Japanese Society of Agricultural, Biological and Environmental Engineers and Scientists (JSABEES): [Environment Control in Biology]

Japanese Society of Agricultural Machinery (JSAM): [Journal of JSAM]

Japan Association of Agricultural Electrification (JAAE)

Japanese Society of Farm Work Research (JSFWR): [Journal of Farm Work Research]

The Society of Agricultural Structures, Japan: (SASJ): [Journal of SASJ]

Japanese Society of Agricultural Informatics (JSAI): [Agricultural Information Research].

URL of the Science Council of Japan and JAICAE:<http://www.scj.go.jp/><http://www.soc.nii.ac.jp/jaicae/>

Chinese Society of Agricultural Engineering



Secretariat of the Chinese Society of Agricultural Engineering
Address: No. 41, Maizidian Street, Chaoyang District, Beijing 100026, China
Tel./Fax: +00 86 10 65929450
Email: hqcsae@agri.gov.cn
URL: <http://www.csae.org.cn>

Founded:

The Chinese Society of Agricultural Engineering (CSAE) is a mass academic and non-profit body of agricultural engineering professionals. Since its establishment in 1979, it has been affiliated to the Chinese Academy of Agricultural Engineering (CAAE) and is a member of the China Association for Science and Technology (CAST). It is also a member of the International Commission of Agricultural Engineering (CIGR) together with the Chinese Society for Agricultural Mechanization (CSAM).

Presidents of the CSAE: Rong Zhu (1979–1987), Jiang Liu (1987–1991), Fuzeng Hong (1991–1995), Chengguo Liu (1995–1999), Wenhai Xu (1999–2004) and Maohua Wang (2004–2008).

Structure:

The General Assembly is the highest organ of supreme power of CSAE; it is formed by the representatives of provincial & regional agricultural engineering societies, and representatives of unit, individual and corporate members. The Council of CSAE is the executive organ of the General Assembly. CSAE establishes the Standing Committee of the Council. The routing management is charged by the Secretariat of the CSAE. CSAE has appointed 5 working and 19 professional committees to conduct specific activities. They are listed as follows:

Working Committees: Academic Activity Exchange, International Exchange, Popularization of Agricultural Engineering, Consultative Center of Agricultural, Engineering and Youth Science and Technology.

Professional Committees: Education, Agricultural Building and Environmental Engineering, Rural Energy Engineering, Land Utilization Engineering, Agricultural Products Processing and Storing Engineering, Protected Horticultural Engineering, Agricultural Systems Engineering, Application of Electronic Technology and Computer Science to Agriculture, Animal Husbandry Engineering, Application of Remote Sensing Technology to Agriculture, Agricultural Mechanization and Electrification, Information Network of Agricultural Engineering, Agricultural Engineering Economy and Management, Mechanization of Field Experiments, Agricultural Engineering Economy and Management, Mechanization of Field Experiments, Agricultural Water and Soil Engineering, Special Aquatic Resource, Castor Economy and Technology, Resources Development and Utilization in Mountainous Area, Editorial Board of the

Transaction of The Chinese Society of Agricultural Engineering.

Executives for 2006–08:

President: Prof. Maohua Wang, China Agricultural University, No. 115#, China Agricultural University, Tsinghua East Street, Beijing 100083, China

Executive Vice Presidents: *Prof. Ming Zhu, Chinese Academy of Agricultural Engineering, No.41 Maizidian Street, Chaoyang District, Beijing 100026, China

*Prof. Zetian Fu, China Agricultural University, No.115#, China Agricultural University, Tsinghua East Street, Beijing 100083, China

Secretary-General: Mr. Jingguang Qin, Chinese Society of Agricultural Engineering, No.41 Maizidian Street, Chaoyang District, Beijing 100026, China

Deputy Secretary-General: Ms. Guan Xiaodong, Chinese Society of Agricultural Engineering, No.41 Maizidian Street, Chaoyang District, Beijing 100026, China

Number of members: 8431

Purpose of Society:

CSAE aims at promoting the development of agriculture engineering, strengthening the popularization and expansion of agricultural engineering technology, speeding the upward growth and promotion of science and technology talented personnel, developing the agricultural engineering science and technology, bringing together and unifying agricultural engineering science and technology workers across China by organizing various activities.

Main Activities:

1. Domestic academic exchange
2. International academic exchange and cooperation
3. Editing and publication
4. Continued education and technical training
5. Advisory on strategy and technology
6. Science and technology service and development

Events calendar:

1. 1948 The first CSAE preparatory meeting at Stokton, California, America;
2. 1979 The CSAE was founded, and the 1st General Assembly & Academic Conference of CSAE was held in Hangzhou, Zhejiang, China;
3. 1983 The 2nd General Assembly & Academic Conference of CSAE in Beijing, China;
4. 1986 International Symposium of Rural Energy Technology;
5. 1987 The 1st International Symposium of Agricultural Systems Engineering in Changchun, Jilin, China;
6. 1987 The 3rd General Assembly & Academic Conference of CSAE in Beijing, China;
7. 1989 International Symposium & Exhibition of Agricultural Engineering;
8. 1991 The 4th General Assembly & Academic Conference of CSAE in Beijing, China;
9. 1993 '93 International Symposium of Grain Drying and Storage Technology in Beijing, China;
10. 1995 '95 International Symposium on Non-Pollution Vegetable and Green Food Engineering in Beijing, China;
11. 1995 The 5th General Assembly & Academic Conference of CSAE in Beijing, China;
12. 1996 '96 International Symposium of Agricultural Bioenvironmental Engineering in Beijing, China;
13. 1998 '98 International Symposium of Resources

- Development and Protection in Mountainous Area
14. 1999 The 6th General Assembly & Academic Conference of CSAE in Beijing, China;
 15. 2002 The Expert Forum of Agricultural Engineering in Beijing, China;
 16. 2003 2003 International Forum on Bio-environmental and Bio-energy Engineering in Beijing, China;
 17. 2003 Yong Scientist Forum—Hot Topics on Agricultural Engineering & Interdisciplinary in Beijing, China;
 18. 2004 CIGR International Conference in Beijing, China;
 19. 2004 The 7th General Assembly & Academic Conference of CSAE in Beijing, China;
 20. 2004 Young Scientist Forum—Water-saving Theory, Technology & System Innovation in Agriculture & Future Research Hotspots in Beijing, China;
 21. 2005 Bi-Annual Conference of Chinese Society of Agricultural Engineering (CSAE 2005);
 22. 2005 Yong Scientist Forum—Several Issues in Land-saving Technology;
 23. 2006 “Report on Advances in Agricultural Engineering in 2006” was published;
 24. 2006 Young Scientist Forum—Current Situation and Prospect on Quality Safety for Non Destructive Testing & Traceability Technology of Agricultural Products;
 25. 2007 Bi-Annual Conference of Chinese Society of Agricultural Engineering (CSAE 2007);
 26. 2007 The First International Conference on Computer and Computing Technology Applications in Agriculture

Academic Journal Publications:

Transaction of The Chinese Society of Agricultural Engineering

Agricultural Engineering Technology

URL of Society: <http://www.csae.org.cn>

Chinese Society for Agricultural Machinery



Secretariat of the Chinese
Society for Agricultural
Machinery

No.1 Beishatan Deshengmen Wai,
Beijing 100083

Tel: +86-10-64849687, Fax:

+86-10-64883508, 64882291

Email: csamcn@yahoo.com.cn

URL: <http://www.agro-csam.org>

Founded:

The Chinese Society for Agricultural Machinery (CSAM) was founded in March 1963; it was a first-grade national society established under the China Association for Science and Technology (CAST), and its administrative body is the Chinese Academy of Agricultural Mechanization Sciences (CAAMS). CSAM became the country member of the International Commission of Agricultural Engineering together with CSAE in 1989.

Today, the society has its eighth board of directors. The

in Shijiazhuang, Hebei, China;

board consists of one (1) president, 12 Vice presidents, One (1) Secretary-General, One (1) Deputy Secretary-General, 139 directors and 47 standing directors.

Structure:

The highest leading body of the CSAM is the National Membership Representative Assembly, formed by the representatives of branch societies, provincial & regional agricultural machinery societies, representatives of unit, individual and corporate members. It is held every 4 years to elect its new board of directors. When the assembly is not in session, the board of directors is the leading organization of the society. When the board of directors stands adjourned, the standing board of directors will perform the duties of the board of directors. The standing administrative body of the CSAM includes an office, an academic department, a marketing department, an advisory department, an international department and the editorial office of Transactions of the Chinese Society of Agricultural Machinery.

CSAM has 20 branch societies (committees). They are as follows: Farm Mechanization, Tractor, Irrigation and Drainage, Livestock Husbandry, Tillage, Harvest and Processing, Materials and Manufacturing Technology, Basic Technology, Farm Equipment Repairing and Maintenance, Market of Farm Machinery, Terrain Machinery System, Farm Reclamation Mechanization, Standardization, Energy and Power, Monitor, Education, Popularization, Editing and Administration work, etc. There are local societies in provinces, in autonomous regions and in municipalities directly under the Central government.

Executives for 2006–2010:

*President: Dr. CHEN Zhi, Chinese Society for Agricultural Machinery, No.1 Beishatan Deshengmen Wai, Beijing 100083, P. R. China

*Vice-Presidents: Dr. DING Xiangwen, China Agricultural Mechanization Technology Extension Center (CAMTE)

*Dr. WANG Jinfu, Shandong Futon Heavy Industry Co., Ltd.

*Dr. WANG Yanfei, Modern Agricultural Equipment Co. Ltd.,

*Mr. LIU Chengqiang, Shandong Shifeng Group Co., Ltd

*Prof. REN Luquan, School of Biological and Agricultural Engineering, Lilin University

*Prof. LI Lite, China Agricultural University

*Dr. LI Shujun, Chinese Academy of Agricultural Mechanization Sciences

*Prof. LUO Xiwen, South China Agricultural University

*Dr. ZHAO Yanshui, China Yituo Group Co., Ltd.

*Dr. GAO Yuanen, China Association of Agricultural Machinery Manufacturers

*Prof. YUAN Shouqi, Jiangsu University

*Mr. JIAO Gang, Agricultural Machinery Experimental Authentication Extension

Secretary-General: Dr. LI Shujun, Chinese Society for Agricultural Machinery

No.1 Beishatan Deshengmen Wai, Beijing 100083, P. R. China

Deputy Secretary-General: Ms. LIU Ruiwen, Chinese Society for Agricultural Machinery, No.1 Beishatan Deshengmen Wai, Beijing 100083, P. R. China

Number of members: 12537

Purpose of Society:

The aims of the CSAM are to unite and mobilize the scientific and technological researchers in the fields of agricultural machinery, focus on economic construction, insist on upholding the ideology of science and technology that constitutes the primary productivity, execute the strategy of invigorating our country with science and education and the strategy of sustainable development to bring about prosperous farm mechanization prospects in China, promote the popularization and advancement of science and technology, promote the growth and improvement of scientific and technological personnel, promote the integration of science and technology with economy, work for the development of social economy, work towards upgrading the scientific quality of all people, assist those engaged in science and technology, promote socialist economic construction, political construction, cultural construction and social construction, and contribute towards the realization of socialist modernization construction.

Main Activities:

1. Providing domestic and international academic and information exchanges
2. Conducting international cooperations
3. Offering technology extension and technical trainings, continued education at home and abroad
4. Engaging in editing and publication
5. Providing strategic and technological consultations.
6. Science and technology service and development

Events calendar:

1. 1963 CSAM was founded, and the 1st National Member Representative Congress of CSAM was held in Beijing Friendship Hotel, Beijing, China;
2. 1963 Five training text books of *Tractors, Mechanical Agricultural Tools, Combines*, etc. were edited and published;
3. Biyearly Conference of Chinese Society for Agricultural Machinery;
4. 1978 International Agricultural Machinery Exhibition was held in Beijing Agricultural Exhibition Hall;
5. 1979 The 1st. National Agricultural Machinery Technology Popularizing Conference;
6. 1980 The 2nd. National Membership Representative Assembly of CSAM and the Academic Annual Conference was held in Beijing;
7. 1984 The 3rd. National Membership Representative Assembly of CSAM and the Academic Annual Conference was held in Beijing;
8. 1986 The First East-South Asia Academic Conference of International Association of Terrain Vehicle System was held;
9. 1988 The 4th. National Membership Representative Assembly of CSAM and the Academic Annual Conference was held in Shandong;
10. 1991 1991 International Agricultural Mechanization Conference was held in Beijing;
11. 1993 The 5th. National Membership Representative Assembly of CSAM and the Academic Annual Conference was held in Henan;
12. 1995 1995 International Agricultural Mechanization Conference was held in Beijing;
13. 1995 Set up the Awarding Fund for Agricultural Machinery Development;
14. 1996 96' Agricultural New Products and Technology Training Course was held in Beijing for the engineers in the

developing countries;

15. 1997 Beijing International Symposium of Food Processing and Packaging Technology;
16. 1998 The 6th. National Membership Representative Assembly of CSAM and the Academic Annual Conference was held in Shanghai;
17. 1999 *Transactions of the Chinese Society of Agricultural Machinery* became the bimonthly publication;
18. 1999 A big celebration was held by CSAM on the transition into the new millennum; the new century was welcomed in Beijing;
19. 2002 The 7th. National Membership Representative Assembly of CSAM and the Academic Annual Conference was held in Guangdong;
20. 2002 New Technology of Agro-processing Training Course was held for the engineers of the developing countries in Beijing;
21. 2003 40 Anniversary Celebration of CSAM and 2003 Academic Annual Conference was held in Beijing;
22. 2004 2004 CIGR International Conference · Beijing was held in Beijing;
23. 2005 *Transactions of the Chinese Society of Agricultural Machinery* became a monthly publication;
24. 2006 The 8th. National Membership Representative Assembly of CSAM and the Academic Annual Conference was held in Zhejiang;

Publications of Academic Journal:

Transactions of the Chinese Society of Agricultural Machinery (Monthly)
Machinery of Irrigation and Drainage (Monthly)
Research on Agricultural Mechanization (Bimonthly)
Tractors and Agricultural Vehicle (Bimonthly)
Collection of Extent Abstracts of 2004 CIGR International Conference · Beijing, Volume.1, Volume.2

URL of Society: <http://www.agro-csam.org>

Letter from Prof. Vladimir Popov

I would like to inform you about the 5th International Scientific and Practical Conference 'Ecology and Agricultural Machinery'.

On May 15-16, 2007, the 5th International Scientific and Practical Conference "Ecology and Agricultural Machinery" was held in the North-West Research Institute of Agricultural Engineering and Electrification (SZNIIMESH), St-Petersburg, Russia. The conference was organized under the auspices of Agriculture Ministry of the Russian Federation and Russian Academy of Agricultural Sciences and sponsored by Euro-Asian Association of Agricultural Engineering (EAAAE) and Russian Federation National Committee on Agricultural Engineering (NCAE RF).

140 agricultural researchers and engineers from 13 countries (Belarus, Estonia, Finland, Latvia, Norway, Poland, Romania, Russia, and Ukraine – face-to-face participation; Croatia, Iran, Lithuania, Poland, Slovakia – virtual participation) took part in the conference. Prof. Emer. Egil Berge, from Norwegian University of Life Sciences, CIGR President of 1995/1996, was Honorary Guest of the conference.

Recent developments and achievements of agricultural

engineering and agricultural production aimed at reducing the adverse environmental effects of farming practices and machinery were presented and discussed on Plenary Sessions and Parallel Sessions of the four Conference Sections.

After the presentations and discussion the participants approved the conference resolution where they pointed to the ever-increasing efforts of the world community, agricultural engineers included, to implement environment enhancement measures; to expand international cooperation aimed at mitigating environment pollution from farm sources; to develop and introduce less power-consuming, waste-free and environment-friendly practices and machinery with the use of renewable energy sources; to wider apply precision and information technologies in plant and livestock production.

The conference resolution emphasized the need to focus the agricultural engineering research on creation of novel, environmentally safe farming practices, based on the latest findings of, among others, nanotechnology and bioenergetics; on techniques of rural environment and agri-products monitoring; on development and implementation of action plans to ensure sustainable farming and human and animal welfare.

2007 is the year of the centennial of the first in Russia research institute on farm machines – the Bureau on Agricultural Mechanics. The past and the present of Russian agro-engineering was the subject of some presentations.

The conference participants highly appreciated the scientific importance of such a forum and its organization and decided to hold the 6-th “Ecology and Agricultural Machinery” conference in May, 2009, in Saint-Petersburg, Russia.

The second item I would like to discuss is the CIGR Newsletter. in accordance with my promise to the Past President, Prof. Luis Pereira, we have translated CIGR Newsletters No. 75 and No. 76 into Russian in order to foster the dissemination of information on CIGR and its activities and facilitate contacts between the Russian-speaking engineers and the global agricultural engineering community. We plan to continue this work in the future under the active support of the President of National Committee on Agricultural Engineering of the Russian Federation (NCAE RF), Dr. Leonid Orsik, and Dr. Viacheslav Fedorenko, who is a member of CIGR Section VII and Director of “Rosinformagrotech” Publishers, Moscow.

As agreed with Dr. Leonid Orsik, who is the Head of Department at the Agriculture Ministry of the Russian Federation, these Russian translations of the CIGR Newsletters will be placed on the website of the above mentioned Ministry; it will be placed in the home page of National Committee on Agricultural Engineering of the Russian Federation (NCAE RF) under Foreign Relations.

If you think that it would be helpful and reasonable to place these Russian versions of the CIGR Newsletters on the CIGR website, we can regularly provide you with electronic copies.

Thank you in advance for your time and cooperation,

*Prof. Vladimir Popov,
Vice-President of EAAAE,*

*Director of North-West Research Institute of Agricultural
Engineering and Electrification (SZNIIMESH),
Saint-Petersburg, Russia*

IAEC2007

International Agricultural Engineering Conference-Bangkok Thailand

3–6 December 2007

<http://www.aaae.ait.ac.th/iaec/index.html>

Theme:

Cutting edge technologies and innovations on sustainable resources for world food sufficiency

Objective:

The main objective of this International Agricultural Engineering Conference is to provide a forum for discussion and information transfer of current developments, achievements and practical applications in all fields of agricultural engineering.

Subject Areas:

Papers are invited in any of the following areas:

- Agricultural engineering education
- Agricultural systems
- Agricultural waste management
- Agro-industry
- Electronics in agriculture
- Energy in agriculture
- Ergonomics
- Food engineering and biotechnology
- Power and machinery
- Soil and water engineering
- Structures and environment
- Terramechanics

Conference Venue:

The conference will be held in the Conference Center at the Asian Institute of Technology (AIT), Bangkok, Thailand. AIT (<http://www.ait.ac.th>) is an autonomous international institution empowered to award graduate degrees and diplomas. It has a 160-ha beautiful campus

Deadlines:

Abstracts Submission	31 May 2007
Acceptance	1 Jun 2007
Submission of Full Papers	1 Sep 2007
Early registration with payment due	1 Oct 2007

Further information:

Dr. Peeyush Soni
Secretary-General (AAAE)
International Agricultural Engineering Conference
Agricultural Systems and Engineering
School of Environment, Resources and Development
Asian Institute of Technology, P.O. Box 4, Klong Luang
Pathumthani 12120, THAILAND
Tel: +66 2 524 5494; Fax: +66 2 524 6200
E-mail: aaae@ait.ac.th

3. News from Sections and Working Groups

CIGR Working Groups

A number of Working Groups are established within CIGR to carry out studies on specific subjects of international importance. A co-ordinator assists the Chairmen of the Working Groups in the fulfilment of their task and in providing a liaison channel with the governing bodies of CIGR.

Working Groups

Coordinator:

Professor Da-Wen Sun,
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E-mail: dawen.sun@ucd.ie



Chairmen of the Working Groups

Earth Observation for Land and Water Engineering Working Group

Chair: Professor Guido D'Urso
Department of Agricultural Engineering and Agronomy,
University of Naples "Federico II", Via Università 100,
I-80055 Portici, Naples, Italy
E-mail: duroso@unina.it

WG website:

http://digilander.libero.it/WG_CIGR_EO/index.htm

Animal Housing in Hot Climate Working Group

Chair: Professor Vasco Fitas da Cruz
Department of Agricultural Engineering, Évora University,
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Tel.: 351-266760823
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• Dr Panos Panagakis

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WG website: <http://www.agr.cu.edu.eg/cigr/>

Rural Development and the Preservation of Cultural Heritages Working Group

Chair: Professor Dr Kamil Okyay Sindir

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Email: kamil.sindir@ege.edu.tr

Secretary: Professor Dr. Milan Martinov
Faculty of Technical Sciences, University of Novi Sad, Novi
Sad, Serbia

Email: mmartog@uns.ns.ac.yu

Cattle Housing Working Group

Chair: Dr Josi FLABA

Ingénieur-Directeur, Direction générale de l'Agriculture,
Direction du Développement et de la Vulgarisation, Chaussée
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Water Management & Information Systems Working Group

Chair: Dr Antonio Brasa Ramos

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Agricultural Engineering University Curricula Harmonization Working Group

Chair: Professor Ing. Pierluigi Febo

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CIGR SECTION II Working Group

“Animal Housing in Hot Climates”

Minutes of the meeting on 8th of September 2006

Welcome Address

The Chair of the Working Group (Vasco Fitas da Cruz) welcomes all participants and would like to mention regrets conveyed by the members Daniella de Moura, Ilda Tinoco, Irenilza Nâas, José Carlos Barbosa and Richard Gates.

Soren Pedersen, Chair until the last Wednesday, of the CIGR Section II said that the working group “Animal Housing in Hot Climates” (WG-AHHC”) is now under operation and mentioned how it was difficult, during the activities of the WG13 (Climatisation of Animal Houses), to establish similar estimation equations of animal heat and moisture production for north and for south Europe. Soren Pedersen expected that this WG-AHHC could produce equations suitable for south Europe and for other hot climate countries.

1. Presentation of the report “Animal Housing in Hot Climates”

Vasco Fitas da Cruz made the short presentation, sent as power point by Daniella de Moura, of the report. This presentation contains the editorial, the preface, the participants and the contents of the report. Simultaneously, one exemplar of the report circulate by the member’s presents at the meeting.

Vasco Fitas da Cruz has promised to send the pdf version of the report by email, and Thomas Banhazi will palce the available pdf version on the CIGR Section II webpage.

2. Presentation of the SCAR-CWG on “Advanced Technologies for Climate Control of Greenhouses and Livestock Housing Working Group in Greenhouses and Animal Buildings

Avi Arbel as a member of the coordinate committee of this working group made a power point presentation (please see annex 1). After the presentation, Paolo Zappavigna said that the subject “Work safety in Agricultural” is now included in this SCAR_CWG. Daniel Berckmans mentions that in the SCAR-CWG meeting of 7th of September, 2006, 47 topics were identified; they were grouped in 7 groups as follows:

- Developing UE standards for Animal Production
- Developing monitoring of animal behavior
- Developing controlled equipment
- New tools for design farm structures
- Relation with work safety
- Environmental impact
- Energy re-usage

After these comments, Avi Arbel mentions that the WG-AHHC should establish relations with SCAR-CWG; this can be achieved by the following two steps:

- 1.º step: Avi Arbel will send the vision paper to the WG members and everybody must send their inputs to this paper
- 2.º step: To arrange one meeting with members of EU in the chair of the SCAR-CWG

3. Presentation of the proposal for the Second WG Workshop

Mohamed Hatem presents one preliminary program for the 2nd Workshop of the WG-AHHC that will be held at Cairo, Egypt from 1–3, April 2006.

After the presentation, the group agree to the dates and venue of the workshop

Paolo Zappavigna said that the participation of members from developing countries should be stimulated. In order to achieve this, Mohamed Hatem will try to reduce the inscription fees; further, the types of inscriptions must be announced (one included the social program, the other was without social program).

After comments from several members of the group, the proposal that is mentioned in annex 2 was consensually approved.

4. Creation of a small working group on Glossary and Basic Definitions

Panos Panagakakis introduced the subject saying that it is important to have one common glossary and some basic definitions given as follows::

- to establish uniformity in terms associated with animal housing
- serve as a focal point for the development of useful new terms and definitions
- become a useful tool for all those involved in the subject

The group for creation should be a small group, cooperating via email and will decide if the glossary should include all terms or only those pertaining to a hot climate. The glossary must contain not only terminology for livestock production facilities but also those of thermal physiology. The group can also propose new definitions. A first draft of this glossary should be presented at the Cairo workshop, and the work should be finished in one year with publication by Fall 2007.

We thank Panos for this presentation and decided that he will coordinate the Small Working Group on Glossary and Basic Definitions. Ephraim Maltz and Victoria Blanes Vidal have mentioned their availability to integrate the group. Daniel Berckmans and Thomas Banhazi also said that they can collaborate with José Carlos Barbosa and Vasco Fitas da Cruz.

5. Discussion of future issues

Vasco Fitas da Cruz introduces the follow ideas for future work:

- a) Animal heat and moisture production in hot climates (compilation of already available data, new data from research or from commercial farms of several hot climate countries, adjustment of the thermal and mass balance equations to hot conditions).
 - b) Animal response to the climatic variables in hot climates (production responses, physiological indicators, behavioral indexes of heat stress, model design of environmental-animal interactions)
 - c) Heat waves (heat waves definition for each kind of animal, heat waves—animal production interactions, world map of heat waves incidence)
 - d) Involve more people from the developing countries and working group financing (collaboration with others institutions like FAO, EU, Catania University, Cairo University, DIAS, UNICAMP, ICAM, etc).
 - e) Second report (When ?, Scope (index) ?, Edition (authors), Feasibility and precision (scientific revision and supervision)
- After a discussion period concerning future issues for the WG-AHHC, it was decided that each member should contribute to involving more people from the developing countries (a short file of 10 to 15 contacts must be available in a short period) and also to arrange collaborations with other institutions: Ephraim Maltz will contact O. K. Sindir from Turkey in order to involve a person of this country and Wolfgang Büscher will contact “Pig Dutchman” for further collaboration.

Soren Pedersen mentions that if the second report will be finished in two years, we can say that we have 0made a feasible study producing a good quality report. Thomas Banhazi suggests that the new report has a starting point

which is the identification, in each country, of the building constraints and animal responses. The report must refer to management strategies and must give new approaches to solve the problems of the hot climate in animal buildings.

6. Closing Remarks

Vasco Fitas da Cruz and Soren Pedersen thank the participation of the members in this meeting. Closing the meeting, Daniel Berckmans (the new Chair of CIGR Section II) said that to create working groups only to say that we have one more working group is not profitable. This WG-AHHC is a young working group, but it has already organized one workshop, produced a report, and planned to have short time activities. Hence, it is a profitable working group and we must guarantee its continuity and future work.

Annex 1. Power point presentation concerning to the report 'Animal Housing in Hot Climates. A multidisciplinary view.'

Annex 2. Cairo workshop preliminary program



Members of CIGR WG13 at Cairo workshop
(1-4 April, 2007)

4. CIGR Co-Sponsored Activities

Opening Address for the Fifth International Scientific and Practical Conference Ecology and Agricultural Machinery May 15, 2007

Dear Colleagues in Agricultural Engineering,
Ladies and gentlemen,

It is a pleasure and a great honour for my wife and me to be present at this conference on 'Ecology and agricultural machinery,' and for many reasons. First of all, because we have been specially invited to attend, and are treated as guests at this conference. This great hospitality is highly appreciated by both of us.

At the same time, I am here today as a representative for the global network of people, institutions, national and regional associations, which are all related to the International Commission of Agricultural Engineering. This network is commonly named by the original abbreviation for the name in French: CIGR = Commission International du Genie

CIGR Section IV 29th International Symposium "Rural Electricity and Other Energy Sources"

**-Rational Use of Energy and Renewable Energy
Sources in Agriculture in Connection with
Environment Protection—
Olsztyn-Poland 19–21 June 2007**

<http://www.uwm.edu.pl/keie/strona/>

The Conference will be organized at the University of Warmia and Mazury in Olsztyn (Poland). It will take place from 19–21st of July 2007.

CIGR Section IV board meeting will be held in this Symposium at Olsztyn, Poland. The following subject will be discussed.

1) Changing the section name. The current name "Rural Electricity and Other Energy Sources" does not fit the current activity. An appropriate new name should be taken as the title of Section Board IV.

2) CIGR will be sponsor the '10th International Congress on Mechanization and Energy in Agriculture' which will be held in Antalya-Turkey from 14–17 October 2008. What event can Section IV have in the Congress in Antalya?

3) New secretary and new member after 2008.

We should select the secretary and new members from Asia taking regional balance into consideration.

4) Where is the Section IV symposium in 2009 going to be held?

By the Chair of Section IV, Prof. Mikio Umeda

Rural.

The current membership has a count of 92 countries from all continents. Some countries have only a few personal members. Most countries have a *national* association with membership in CIGR. In addition, there are groups of countries that have joined together to form *regional* associations:

In the North Americas, there is ASABE which celebrates its centennial this year. Western Europe is represented by EurAgEng.

In south and east Asia, we have AAE. South and Latin America is represented by ALIA, and South and East Africa by SEASAE. In the geographic area of the former Soviet, our present organiser, Euro-Asian Association of Agricultural Engineers (EAAAE), was formed. The basis for it was a decision taken here on April 27, 2000.

The last one on the list is the AAEESE for southern and eastern Europe.

CIGR serves its membership with conferences, a 6-volume handbook on AE, a quarterly newsletter, a scientific E-journal (free for all), and current information available on Internet at www.cigr.org plus a number of other activities.

Please use this website to obtain free access to information about all current, upcoming, or recent activities within our profession, such as 'events calendar' and 'working groups'. CIGR contains 7 technical sections for different branches of AE, spanning from infrastructure in soil and water to food technology and information systems.

A special congratulation to EAAAE for the news given to me yesterday: from now on, there will be a Russian edition of the CIGR Newsletter, available from the CIGR homepage. The two last newsletters have already been translated. This edition in Russian adds to the existing editions in English, French, Chinese and Arabic, and give a remarkable increase in the geographic area covered by our news. Sincere appreciation for this goes to dir. David Popov and secr. Larisa Levchenko here at SZNIIMESH, who have made this possible.

A 3rd reason: I am happy to congratulate you with 100 years of agro-engineering in Russia. I understand that the forerunner of SZNIIMESH was started here in 1907. In 2002, we visited an AE institution in Moscow which were celebrating its centennial. I have already mentioned the ASABE centennial in USA that is happening this year. Further, we can celebrate the centennial for AE development and testing in Norway in 2010. Evidently, Russia was early, although in line with the international trend at that time, in inventing and testing technical improvements in agricultural and related production because there was great need and newpossibilities.

4th: I congratulate you with the "aims and objectives" for this conference, which I cite as follows:

- to stimulate the wide dissemination of the results of the most advanced concepts, experiences and investigations as well as to promote international cooperation and 'know-how' transfer.
- to give the researchers, agricultural machinery manufacturers and farmers from Russia, CIS and western countries an opportunity to establish personal contacts and exchange opinions and ideas.

It is my impression that the progress in this area has been remarkable. The number of papers to this conference is well above 120, an increase of 50% from 2 years ago. Further, there are participants from 12 countries, which is also an increased of approximately 50% as compared to the 2005 figures, corrected for the CIGR business meetings held then.

However, there is still an even greater potential for the future. If the the present trend continues, the EAAAE will eb able to apply for the 2012 or the 2016 International CIGR conference of AE. China had one in 2004, and is now hosting the CIGR World Congress in 2014. Clearly, EAAAE and the Russian Federation could aim at hosting the congress in 2018. That would be a major step further in making the 'aims and objectives' come true.

Finally, I take pleasure in conveying to you a greeting from the Acting President of CIGR, Prof. PhD Irenilza Alencar Nääs of Brazil. Unfortunately, she broke her right hand sometime back and is still recovering; she is having a little trouble in writing and using a PC. She writes, 'It is quite proper to strengthen the ties with them (i.e. EAAAE), and I certainly appreciate your help in bringing forward my personal greetings as Acting President of CIGR to this

conference.' I would like to add to her word by expressing my congratulations with the attendance, and my best wishes as a Honorary President of CIGR for the success of this conference.

*Honorary president
Prof. Egil Berge*

Report on the 35th International Symposium Actual Tasks on Agricultural Engineering 19–23 February 2007, Opatija, Croatia

The 35th International Symposium **Actual Tasks on Agricultural Engineering** was held from 19–23 February 2007 in the 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. Co-sponsors of the Symposium were CIGR, EurAgEng, AAAE and Association of Agricultural Engineers of South Eastern Europe (AAESEE).

This year, 106 participants from 15 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. The importance of the Event was underlined by the presence of the Past President of EurAgEng Prof. Daniele De Wrachien, the representatives of the National Societies of Agricultural Engineers of Bosnia and Herzegovina Prof. S. Skaljic, Romania Prof. V. Ros, Serbia Prof. M. Martinov and Prof. M. Djevic and Croatia Prof. Silvio Kosutic.

At the Opening Session, Prof. Dr. Edi Maletic, Vice Dean of the Faculty of Agriculture, University of Zagreb and Prof. dr. Vlado Guberac, Dean of the Faculty of Agriculture, University J.J. Strossmayer Osijek, made speeches emphasising the importance of the event and its long

tradition. The convenor, Prof. Silvio Kosutic conveyed greetings from the Croatian Society of Agricultural Engineering. Prof. Daniele De Wrachien stressed the long tradition of the Symposia and their future role as one of the main events for agricultural engineers in South-Eastern Europe to meet, and pointed the dimension of the tasks and challenges that agricultural engineering education in European universities will have to face and cope with in the third millennium. Prof. Dr. Milan Djevic, the representative of the Faculty of Agriculture Belgrade, Serbia closed the Session conveying greetings of his Faculty to the audience. Next, a number of lectures were held, among which the following are worth mentioning: ‘**Agricultural engineering in South-East Europe, status and prospects**’ presented by Prof. Silvio Kosutic, ‘**Recent developments of Earth observation techniques for land and water engineering**’ delivered by Prof. Guido D’Urso, ‘**dTDR as an optimisation tool for advanced process monitoring in biowaste treatment**’ by Cornelius Jantschke and ‘**Motion path planning and trajectory computation for a biomass processing robot**’ presented by Nikica Starcevic.

In the Topic Sessions, each starting with a review report, 52 papers were discussed, as an 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 cultural heritage within the east European countries.

During the round-table meetings of the CIGR Symposium, AAEESE, ERA and EurAgEng representatives met to discuss the main topics, achievements and trends of the SEEERA Pilot project. The project aims at integrating EU member states and South East European countries by linking research activities within existing national, bilateral and regional R & D programmes. The participants agreed that there is a real need for South East Europe countries, regardless to their recent status, to strongly enhance research cooperation by fostering integration of South East Europe into the growing European Research Area.

World famous agricultural machinery producers, such as AGCO, Case-New Holland, Claas, Hardi and others, presented their current programmes by using video and oral presentations during afternoon Sessions.

Information regarding the 36th Symposium to be held in 2008 will soon be available at the website:

<http://www.agr.hr/aed/index.htm>

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

10th International Conference on Mechanization and Energy in Agriculture 14–17 October 2008, Antalya, Turkey <http://www.akdeniz.edu.tr/ageng2008>

The Congress of International Mechanization and Energy in Agriculture aims at introducing all the on-going or concluded scientific researches concerning the development, use and distribution of agricultural technologies that enhance sustainability and energy efficiency in harmony with the environment as well as creation of an international synergy for the topics of the Congress. The 10th International Congress on Mechanization and Energy in Agriculture will be held in Antalya-Türkiye in October of 2008. Your presentations and discussions will be arranged according to the theme sessions of the International Congress.

Main Topics of Congress

1. Power and Machinery
2. Farm Buildings
3. Energy and Environment in Agriculture
4. Information Technologies
5. Decision and Support Systems in Agriculture
6. Management and Ergonomics
7. Post-Harvest Technologies

Important Deadlines

Abstract Submission	25 January 2008
Notification of Acceptance	7 March 2008
Manuscript Submission	16 May 2008
Final Notification of Acceptance	6 August 2008
Congress	14–17 October 2008

Congress Secretary

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Fax: +90-242-227 45 64, E-mail ageng2008@akdeniz.edu.tr
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Türkiye

5. Other Activities

International Conference on Traditional Dairy Foods 2007 (ICTDF 2007)

**November 14–17, 2007 at Karnal, India
<http://www.dairysociety.org>**

It is indeed a matter of great pleasure to inform you that the Announcement for the International Conference on Traditional Dairy Foods 2007 (ICTDF 2007) has been

released. The conference will be organized jointly by the Dairy Technology Society of India and the National Dairy Research Institute (www.ndri.res.in) from November 14–17, 2007 at Karnal (India). The event will provide a forum for deliberating theoretical and practical issues that are critical for the manufacture, quality assurance and marketing of traditional dairy foods. The Conference will deal with novel technological aspects such as mechanized manufacture, marketing needs, emerging concepts and enhancement of functional attributes of traditional dairy foods without losing focus on their enormous cultural importance. This mega event is expected to bring and knit together dairy

and food scientists, academicians, industrialists, policy makers, farmers and students from all over the world to participate in the deliberations. The conference is spread over four days and will also have other concurrent activities. A large number of internationally renowned Dairy and Food Scientists will be delivering keynote addresses, plenary lectures and technical oral presentations. Dairy Expo will host a large number of national and international companies involved in the manufacture of food processing equipment and machinery, analytical tools for dairy and food products as also for traditional Indian milk delicacies.

Focal Themes

Science, Technology, Trade & Entrepreneurship for Global Prosperity

Organized by Dairy Technology Society of India and National Dairy Research Institute (<http://www.ndri.res.in>)

Important Deadlines

Abstract submission: June 10, 2007

Letter of acceptance to authors: June 30, 2007

Early bird registration: June 30, 2007

Submissions of full papers for oral presentation:
September 15, 2007

Contact for participation, collaboration, sponsorship, etc.

Dr. R. R. B. Singh

Dairy Technology Society of India

Division of Dairy Technology

Organizing Secretary, ICTDF 2007

National Dairy Research Institute, Karnal - 132 001

(Haryana), India

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First Announcement and Call for papers International Congress of Automobile, Environment and Farm Machinery 11–13 October, 2007, Cluj-Napoca, Romania <http://www.amma2007.ro>

Together towards a clean environment

Congress Organizer:

Technical University of Cluj-Napoca, Faculty of Mechanics, Department of Automobiles and Agricultural Machinery, <http://www.utcluj.ro>

Topics: Road Vehicles, Vehicle Engines, Road Traffic, Road Safety, Energy Sources, Environmental Protection, Agricultural Machinery

Congress Secretariat

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<http://zeus.east.utcluj.ro/mec/maar/>

6. Publications

Agricultural Engineering International—The CIGR E-journal

Dr. Lingjuan Wang, Editor-in-Chief

<http://cigr-ejournal.tamu.edu>

ISSN 1682-1130

**Send manuscripts for peer review to:
stout@tamu.edu**

The CIGR electronic journal is now in its ninth year of publication. From a modest beginning, it today attracts many quality manuscripts. All of the published papers are available free of charge on the website cigr-ejournal.tamu.edu. The following is a summary of the number of papers published to date:

Peer reviewed original research papers (total: 279):

Vol. I(1999)----7	Vol. II(2001)----10
Vol. III(2000)---23	Vol. IV(2002)---25
Vol. V(2003)---29	Vol. VI(2004)---44
Vol. VII(2005)-53	Vol. VIII(2006)—68
Vol. IX(2007)--19	

Invited overview papers (total: 105):

Vol. I-----2	Vol. II-----4	Vol. III-----8
Vol. IV---20	Vol. V---24	Vol. VI-----6
Vol. VII---10	Vol. VIII—23	Vol. IX---6

As you might expect, the published papers come from a broad international base (50 countries).

Peer reviewed original research papers:

Australia-2, Bangladesh-1, Belgium-4, Botswana-1, Brazil-6, Canada-9, Cameroon-3, China-7, Czech Republic-3, Denmark-11, Egypt-1, Estonia-4, Ethiopia-1, France-1, Germany-17, Greece-7, India-15, Indonesia-2, Ireland-1, Iran-2, Israel-2, Italy-8, Japan-30, Lebanon-2, Lithuania-3, Mexico-2, Netherlands-3, Nigeria-32, Pakistan-1, Poland-6, Portugal-6, Spain-6, Sweden-4, Tanzania-2, Thailand-8, Turkey-3, United Arab Emirates-1, and USA-21.

Invited overview papers (Including keynote presentations at the Club of Bologna):

Australia-1, Bangladesh-2, Brazil-3, Canada-2, China-4, Denmark-2, Egypt-1, FAO-3, France-1, Germany-12, Greece-1, India-7, Indonesia-1, Israel-1, Italy-16, Japan-4, Kenya-1, Mexico-1, Morocco-1, Netherlands-3, Nigeria-11, Oman-3, Palestine-1, Poland-1, Portugal-1, Russia-1, Swaziland-2, Taiwan-1, Thailand-2, UK-3, USA-18, Yugoslavia-1, and Zimbabwe-1.

I invite you all to submit manuscripts for peer review and publication. There is no cost to publish or access and print papers. The website contains all the details regarding manuscript format, submission instructions, etc. If you have any questions, please send me an email at stout@tamu.edu

Dr. Bill A. Stout, Coordinator, May 27, 2007

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Mt. Fuji of early summer, Narusawa village, Yamanashi ,Japan (photo by N. Akamatsu)

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