

**Important Dates and Deadlines:**

Submission of full papers: 7 October 2004

The conference will be held in English. The conference fees are € 200/220 (before/after 1 August 2004).

For further information, please contact convenor Grzegorz Doruchowski (gdoru@insad.pl) or secretary Konopacki (pkonopac@insad.pl): Research Institute of Pomology and Floriculture, Pomologiczna 18, 96-100 Skierniewice, POLAND. Phone: +48 46 833 20 21 Fax: +48 46 833 32 28. The website <http://www.pomocentre.insad.pl/> offers further information as well as online registration features.

### **International Conference on Postharvest Technology & Quality Management in Arid Tropics**

This conference will be held at Sultan Qaboos University, **Sultanate of Oman**, from **24 to 26 January 2005**. The first International Conference on postharvest technology in the region, it will provide an international forum to discuss the latest technological developments and scientific innovations for reducing losses, maintaining product quality and adding value to food and agribusiness supply chains, and enhancing the competitiveness of agricultural and seafood products in the Gulf Region and Oman in particular.

The major themes of the conference include:

- Pre-harvest factors affecting postharvest quality and losses
- Postharvest handling systems and ergonomics
- Optimal refrigerated and controlled atmosphere storage systems
- Drying and packaging technology
- Postharvest treatments to maintain quality
- Focus on seafood postharvest
- Quality and supply chain innovation
- Food traceability and safety management
- Postharvest economics, market access & other emerging issues
- Education and training in postharvest technology & quality management

**Important Deadlines:**

Submission of full paper: 30 August 2004

For further information, contact: Assoc. Prof. Linus U. Opara & Assoc Prof. Shyam S. Sablani, Department of Bioresource and Agricultural Engineering, College of Agricultural and Marine Sciences, Sultan Qaboos University, P.O. Box 34, Al-Khod, Sultanate of Oman. Fax: +968

513 418 Tel: +968 515 238. Email: [linus@squ.edu.om](mailto:linus@squ.edu.om) and [shyam@squ.edu.om](mailto:shyam@squ.edu.om).

### **33<sup>rd</sup> International Symposium "Actual Tasks on Agricultural Engineering"**

Co-sponsored, among others, by CIGR, this symposium will be held from **21 to 25 February 2005** in **Opatija, Croatia**. "Actual Tasks on Agricultural Engineering" have been held for 32 years now, gaining in international standing in recent years thanks to the co-sponsoring by CIGR, EurAgEng, and AESEE. The official languages of the symposium will be English and Croatian.

The aim of the Symposium is to present the latest scientific results on all aspects of research, design and development work in the various disciplines of agricultural engineering. Papers dealing with the following topics, or with other aspects of agricultural engineering, are invited:

- Farm mechanisation
- Power and machinery
- Ergonomics
- Energy in agriculture
- Soil and water
- Pre-harvest technology
- Crop harvesting
- Post-harvest technology
- Livestock buildings and equipment

Author instructions are available at the web address given below, and they can be sent by fax or e-mail upon request. Abstracts in English and not exceeding 500 words should be submitted by 15 September 2004. The proceedings are indexed and abstracted in leading international databases. The registration fee of 100 € (minus 20 % for CIGR, Eur-AgEng, and AAAE members) covers proceedings and farewell banquet.

**Key dates**

Submission of abstracts	15 September 2004
Notification of paper acceptance	1 October 2004
Submission of full papers	1 December 2004
Registration deadline	15 December 2004

For further information, look up <http://www.agr.hr/ae> and contact the Symposium Secretariat: Faculty of Agriculture Agricultural Engineering Department, Svetosimunska 25, HR-10000 Zagreb, Croatia. Tel.: +385 1 2393819 Fax: +385 1 2315300 E-mail: [skosutic@agr.hr](mailto:skosutic@agr.hr)

## **OTHER ACTIVITIES**

### **7<sup>th</sup> International Conference on Precision Agriculture**

The 7<sup>th</sup> International Conference on Precision Agriculture and Other Precision Resources Management will be held from **25-28 July 2004** at the Hyatt Regency in downtown **Minneapolis, MN, USA**. It provides a forum for presentations on the current status of precision agriculture research and applications worldwide. There will be oral and poster presentations and exhibits, as well as opportunities for

discussion and exchange of information in various aspects of precision agriculture.

Conference themes include:

- Crop quality
- Natural resource variability
- Geostatistics/sampling
- Precision management
- Engineering technology
- Remote sensing

- Information management
- Modelling
- New applications around the world
- Profitability
- Environment
- Education/Outreach

Further information is available at <http://www.precision.agri.umn.edu/Conference/>.

For questions regarding registration, billing and entry and visa requirements, contact [contactus@cce.umn.edu](mailto:contactus@cce.umn.edu), for questions concerning hotel reservations contact the Hyatt Regency directly: Tel: +1 612 370 1234, Fax: +1 612 370 1463. For questions regarding call for papers, abstract submission, speakers, etc., contact [paconf@soils.umn.edu](mailto:paconf@soils.umn.edu).

### International Symposium on Food Production and Environmental Conservation in the Face of Global Environmental Deterioration

Organised by the Society of Agricultural Meteorology of Japan and sponsored by JAICAE, this FPEC symposium will be held from September 7 to 11 September 2004 at the Fukuoka International Congress Center, Hakata-ku, **Fukuoka, Japan**.

With a world population of more than 6.1 billion in 2002, the demands on the global environment, the atmospheric and aquatic environments are very important subjects for the 21st Century. The deterioration of these environments will create a food problem and has already begun to cause international disputes in some parts of the world.

This symposium will evaluate the meteorological environments ranging from the global atmospheric environment to microclimates, and discuss ways to improve and conserve atmospheric environments. To find possibilities to solve the food problem, discussion will focus on individual and/or general environmental problems with the participation of researchers, professors and administrators from around the world.

The symposium is the successor of the symposium on "Food Production and Environmental Improvement under Global Climate Change" held at Ube, Yamaguchi, in 1996. Reflection on the developments that have occurred since should bear significantly on future developments. It is hoped that the future prospect of food production and environmental conservation will be improved by the process of discussion and that the development of research and investigations will be improved.

The main areas of focus for the symposium are global environmental deterioration, aquatic resources deficit, food production problem, climatic or meteorological improvement and environmental conservation:

- Climatic change or climatic variation and abnormal climate or unusual weather
- Global problems of global warming, acid rain, ozone hole, biodiversity etc.
- From aquatic resources to deforestation or desertification and soil or land degradation
- From air pollution or environmental contamination to aeolian dust or yellow sand
- Environmental problems from local climate to micrometeorology

- Micrometeorological evaluation of momentum, heat, gas and vapor fluxes
- From meteorological environmental modification to microclimatic improvement and bio-environmental control
- From desert greening or revegetation to road and roof greenings
- From biometeorology to bio-ecological meteorology
- From controlled ecological life support systems to agricultural high technology
- Evaluation and utilization of meteorological resources (natural, solar, wind energy etc.)
- Mechanism of various agrometeorological disasters and their countermeasure
- Predictions of growth and development of crops, crop production and food production
- Relation between global environment problems and agriculture
- Crop growth environment and agrometeorological environment and food problems

The registration fee is 45,000 yen, 25,000 yen for students. Registration fees include: Attendance at all Sessions of the Symposium, Participation in Mixer and Symposium Banquet, a copy of the Symposium Proceedings. Sightseeing not included.

Deadlines:

Full papers: 8 September 2004

For further information and a downloadable registration form and registration instructions, please check <http://www.agr.yamaguchi-u.ac.jp/users/fpec/>.

All correspondence should be addressed to Prof. Seiji HAYAKAWA, Secretary-General of FPEC, Department of Biological and Environmental Sciences, Faculty of Agriculture, Yamaguchi University, 1677-1 Yoshida, Yamaguchi 753-8515, JAPAN Phone: +81 83 933 5861 Fax: +81 83 933 5820. E-mail: [fpec@agr.yamaguchi-u.ac.jp](mailto:fpec@agr.yamaguchi-u.ac.jp)

### ISMAB 2004

The 2<sup>nd</sup> International Symposium on Machinery and Mechatronics for Agriculture and Biosystems Engineering will be held from 8-10 September 2004 at Kobe University, **Kobe City, Japan**. Organised by the Japanese Society of Agricultural Machinery and co-sponsored by the Korean Society of Agricultural Machinery and the Chinese Institute of Agricultural Machinery, it will provide an opportunity for the exchange of ideas and research results and for transmitting scientific information from East Asia.

This conference will deal with the following topics:

- Bio-systems engineering
- Bio-mechatronics
- Biological engineering
- Power and machinery
- Post harvest technology
- Food and processing engineering
- Precision agriculture
- Automation in agro-industry
- Robotics in agriculture
- Agricultural informatics
- Information communication systems
- Bioinformatics
- Environmental technology

- Alternative energy
- Nano technology

Further information is available on the conference website <http://eloon.ans.kobe-u.ac.jp/JSAM/english/ismab.html> or from Prof. Horio, Hisashi; Dept. of Agricultural and Environmental Engineering, Faculty of Agriculture, Kobe University, 657-8501 Nada-ku, Kobe, Japan. Tel/Fax: +81 78 803 5916 E-mail: [ismab@eng.ans.kobe-u.ac.jp](mailto:ismab@eng.ans.kobe-u.ac.jp)

### Biennial Conference of SEAg

The Society for Engineering in Agriculture will be holding their biennial conference from **14 to 16 September 2004** in western **New South Wales, Australia**, starting at **Dubbo**. The three-day conference will have a primary focus on

- Irrigation
- Precision agriculture (PA)

The first day of the conference will be held at the unique CSU campus in Dubbo, where papers and posters will be presented in traditional format. The keynote speaker is Jolyon Burnett, CEO of the Irrigation Association of Australia. He will pose the question: Why are there so few agricultural engineers when the need for their skills has possibly never been greater?

On days 2 and 3 of the conference, two coaches with projection facilities will head to Bourke, which is 350 kilometres to the north-west of Dubbo, and back. Digital presentations on irrigation will run in one coach, with ones on the PA theme in the other. The presentations on the buses will cover subjects related to the tour visits en route, but sourced from different geographical areas, Australian or overseas.

Registration fees are \$ 500. Delegates will need to arrange their own accommodation in Dubbo.

Important Dates:

Full text papers 30 July 2004

Posters 14 September 2004

To register your interest in presenting, or to seek further information, email Helen Fairweather at [helen.fairweather@agric.nsw.gov.au](mailto:helen.fairweather@agric.nsw.gov.au) or contact the Society for Engineering in Agriculture, NSW Agriculture, PO Box 865 DUBBO NSW 2830. The call for papers with a registration form is available online at <http://www.agric.nsw.gov.au/reader/17603>

### 2<sup>nd</sup> WASAE International Conference: "Hunger without Frontiers"

This conference, organised by WASAE (West Africa Society of Agricultural Engineering) and GSAE (Ghana Society of Agricultural Engineering), will be held from **20 to 24 September 2004** at the Kwame Nkrumah University of Science and Technology, **Kumasi, Ghana**. The official Language of this conference, which is intended to serve as a forum for experts to deliberate on the issues and provide recommendations for research, development and policy directions, will be English.

Several state-of-the-art papers are expected to be presented to gain a broad up-to-date understanding of the field. Papers are expected in the following areas:

- Food Security, Hunger and Malnutrition in West Africa.
- HIV/AIDS and its impact on agricultural production

- Power and machinery engineering
- Soil and water engineering
- Post-harvest engineering and biotechnology
- Conservation agriculture interventions
- Agro-energy sources and management
- Rural transport and IMTs
- Environmental conservation
- Gender, policy, training, extension etc.

The registration fee is US\$ 200. Registered members of GSAE and local participants will pay a discounted rate of €250,000. The registration fee for the conference will include the cost of proceedings, refreshments, lunch, banquets and a technical and cultural tours.

For further information, please look up <http://www.wasae.org/conference.htm> or contact: Emmanuel Y.H. Bobobee, Conference Secretary, Agricultural Engineering Department, KNUST, Kumasi, Ghana. Tel: +233 51 60242, Fax: +233 51 60137. Email: [ebobobee@yahoo.com](mailto:ebobobee@yahoo.com) or [wasae2004@yahoo.co.uk](mailto:wasae2004@yahoo.co.uk).

### International Scientific Conference on "Forest Engineering: New Techniques, Technologies and the Environment"

The main purpose of this conference, which will be held from **5 to 10 October 2004** in **Lviv, Ukraine**, is to provide a forum for the presentation of the latest achievements in applied research and current developments in the field of forest engineering. It will also foster an exchange of accumulated knowledge and technology transfer of practical experience in the field in the use of environmentally sound techniques of sustainable forest utilisation. The Conference is dedicated to the 130<sup>th</sup> anniversary of forestry education in Ukraine.

The subjects of discussion will be:

- Technical equipment and technological processes: forest harvesting, timber transportation, forest roads, site preparation and regeneration, ergonomics, environmental protection and ecological safety.
- The use of computer technologies in forest engineering: organizational and technical planning of forest operations, transport and handling of primary forest products, computer-assisted design and planning of forest harvesting units, landings and roads, the use of GIS and hand-held technology such as GPS in sustainable forest management and harvesting systems.

The working languages of the conference are Ukrainian and English. The registration fees (incl. transportation from airport, conference materials, publication of conference proceedings, welcoming ceremonies, field trips, farewell banquet, lunches and meals during the Conference) will be 100-200 €, depending on the level of participation.

Important Dates:

Final announcement 14 September 2004

For detailed information, please contact the Conference Organizing Committee: Ukrainian State University of Forestry and Wood Technology, 105 General Chuprynka St., 79057 Lviv, Ukraine. Email: [styran@forest.lviv.ua](mailto:styran@forest.lviv.ua) Tel.: + 380 322 390 669. Fax: +380 322 378 905. <http://ifec.lvivport.com/>

### Third World Congress of Professionals in Agronomy / First Panamerican Congress of Agronomists

This congress will be held from **6 to 9 October 2004** at the Convention Centre in **Fortaleza City**, state of Ceará, **Brazil**.

The main subjects are:

- Higher education in agronomy
- Professional practice
- Research and technology transfer
- Current and future technical matters
- Sustainable rural development
- International business and cooperation

More information: <http://www.cmpa.org.br/eng/default.htm>

### 62<sup>nd</sup> VDI-MEG International Conference Agricultural Engineering

This conference, organised by VDI-MEG in co-operation with EurAgEng, will be held on **7 and 8 October 2004** at the Technical University **Dresden, Germany**.

Main Topics of the Conference

- Tractors: concepts, interfaces to implements, tyres, chassis, use and economics
- Powertrain: new concepts, simulation, electrical powertrain, hybrid powertrain
- Automation technology: electronics, sensor technology, actuator, mechatronics
- Fertilizing and plant protection: integrated and ecological
- Farm-audit: technique, information management, outdoor operation, indoor operation
- Precision farming: environment protection, product quality, consumer protection
- Root crop: cultivation, harvest, post harvest
- Industrial product development
- Young engineers for Europe: forage harvesting, tillage, modelling and simulation

Papers for presentations are expected from the industry, from universities and research institutes and from practical farming.

The conference languages will be German and English (no simultaneous translation provided). Authors get a reduction of 50% on the regular conference fee.

Important Deadlines:

Camera-Copy of short version: 2 August 2004

The final program with registration form will be available approx. 10 weeks prior to the conference. For further information, contact: VDI Verein Deutscher Ingenieure, Max-Eyth-Gesellschaft Agrartechnik im VDI, Postfach 10 11 39, D-40002 Düsseldorf, Germany. Tel: +49 211 62 14 522, Fax: +49 211 62 14 163 E-Mail: [meg@vdi.de](mailto:meg@vdi.de) <http://www.vdi.de/tagung-landtechnik>

### Conference on Automation Technology for Off-road Equipment ATOE 2004

The Conference on Automation Technology for Off-road Equipment will be held from **7- 8 October 2004** at Kyoto University in **Kyoto City, Japan**, just before the 2004 CIGR International Conference in Beijing, China. The

purpose of the conference is to promote the advancement of automation of off-road equipment in the 21st Century through scientific exchange and industrial participation. There will be two keynote lectures, a special lecture and oral presentations. In addition, the conference provides opportunities for discussion and exchange of information on various aspects of automation technology.

Conference themes include:

- Sensors: Navigation and control sensors, sensor fusion, sensors for safety/obstacle detection, machine function sensing
- Controls: Steering control, vehicle control, control strategies for off-road operation
- Vehicle modeling: Vehicle kinematic and dynamic modeling, implement modeling
- Telematics in Vehicle Automation: Wireless networking in off-road applications
- Software Support for Vehicle Automation: Production planning, scheduling and control, Job-site management, mission planning
- Information Technology: Cooperative robots and multi-agent systems, prognostics, intelligent systems
- Hardware for vehicle Automation: Computer hardware, user interfaces, haptic devices, controller-area networks
- Applications: Automation of Off-road equipment, industrial products and applications

Further information is available at <http://www.asae.org/meetings/atoe04/index.html> or from Prof. Mikio Umeda, Lab. Field Robotics, Graduate School of Agriculture, Kyoto University, JAPAN, Phone:+81 75 753 6166 Fax:+81 75 753 6167 E-mail: [umeda@elam.kais.kyoto-u.ac.jp](mailto:umeda@elam.kais.kyoto-u.ac.jp) or [iida@elam.kais.kyoto-u.ac.jp](mailto:iida@elam.kais.kyoto-u.ac.jp)

### 2<sup>nd</sup> Central European Meeting and 5<sup>th</sup> Croatian Congress of Food Technologists, Biotechnologists and Nutritionists

The objective of this congress, which will be held from **17 to 20 October 2004** in **Opatija, Croatia**, is to provide a multidisciplinary forum in the fields of food science and technology, human nutrition and biotechnological applications in food production.

- Food products and technologies
- Advances in food engineering
- Food packaging
- Food safety and quality
- Food microbiology
- Biotechnology and bioengineering
- Food, nutrition and health
- Food and consumers
- Water and waste water

The official language of the congress will be English. All sessions will be conducted in English and all presentation papers will be printed in English. Registration fees are € 400 and € 120 for certified students. Members of CIGR, EurAgEng and PBN are entitled to € 50 reduction in fees.

Dates and deadlines:

Paper submission 30 November 2004

For further information, please contact the Congress Secretariat: Food Technologists, Biotechnologists and Nutrition-

ists Society; P.O. Box 625; HR-10000 Zagreb; Croatia.  
 Fax: + 385 (0) 1 48 26251 E-mail: pbncongress@pbf.hr  
<http://www.pbf.hr/pbncongress>

### **6<sup>th</sup> International Symposium on Plant Responses to Air Pollution and Global Changes: from Molecular Biology to Plant Production and Ecosystem**

The 6<sup>th</sup> APGC Symposium will be held from **19 to 22 October 2004** at the International Congress Center Epocal Tsukuba, **Tsukuba, Ibaraki, Japan**.

#### **I. Impacts of Air Pollution and Global Change**

- Molecular biology
- Plant metabolism
- Ecophysiological effects
- Plant production effects
- FACE: Free Air CO<sub>2</sub> Enrichment
- Controlled-environment research
- Natural CO<sub>2</sub>-springs
- Terrestrial ecological effects and forest decline
- Eco-modelling and prediction of global change
- Ultraviolet-B radiation

#### **II. Monitoring and Remediation**

- Greenhouse gases and other trace gases
- Flux measurement
- Phytomonitoring
- Phytoremediation
- CELSS
- Nondestructive instrumentation and image sensing
- Remote sensing and GIS

#### **III. Current Asian Environmental Problems**

- Air pollution and acid rain
- Global changeOther global environmental problemsDeadlines and Dates:

Advance registration deadline: 31 July 2004

Further information is available on the internet at <http://apgc2004.en.a.u-tokyo.ac.jp/> or from professor Kenji Omasa, Chairman of the International Organizing Committee, [aura@mail.ecc.u-tokyo.ac.jp](mailto:aura@mail.ecc.u-tokyo.ac.jp)

### **CONAT 2004 International Automotive Congress**

This congress dealing with "Automotive and Future Technologies" will be held in **Brasov, Romania** from **20 to 22 October 2004**. CONAT International Congresses are a chain of scientific congresses initiated by Transilvania University in 1965. They intend to facilitate a profitable exchange of information among specialists in automotive engineering and a discussion of new challenges facing the automotive industry.

The themes of the congress are:

- Innovative technologies for automotives
- Automotive and environment
- Advanced transport systems
- Automotive systems
- Manufacturing and logistics
- Engineering training

For further information look up <http://conat.unitbv.ro/>

or contact the organising committee: Automotive Dpt, SAE Brasov Group, Transilvania University of Brasov Bd. Eroilor 29, RO-500036 Brasov, Romania. Tel. +40268413000 int. 173 Fax: +40268474761 E-mail: [conat2004@unitbv.ro](mailto:conat2004@unitbv.ro)

### **Agroenviron 2004: "The Role of Multi-Purpose Agriculture in Sustaining Global Environment"**

Organised by the University of **Udine, Italy**, the fourth international symposium of the Agroenviron series will be held from **20 to 24 October 2004**. The organisers of this event hope that the series will continue in the future and provide an instrument for involving more and more scientists, engineers, planners, institutions, and countries in agro-environmental issues for sustaining the environment of this globe. The symposium will give scientists an insight into today's burning issues related to agriculture, and it should help to choose the right directions for the future in sustainable agriculture in this millennium.

The topics proposed for presentations in Udine include:

- Land, water, and air pollution in agricultural areas
- Precision agriculture and yield forecasting
- Landscape ecology
- Forestry and range land management
- Climate changes and global agricultural environment
- Biotechnology and agricultural biodiversity
- Desertification and land degradation control
- Agricultural waste reuse and field management
- Wetland and coastal ecology in humid environment
- RS/GIS techniques in agricultureCurrent advances in restoration of rural areas for sustainability

For further information, contact Prof. Dr. Giuseppe ZERBI, Symposium Secretary General, University of Udine, Udine/ITALY; E-mail: [zerbi@dpvta.uniud.it](mailto:zerbi@dpvta.uniud.it)

### **Second World Engineers' Convention 2004**

The Second World Engineers' Convention will be held in **Shanghai, China, 2 to 6 November 2004**, under the auspices of the World Federation of Engineering Organizations (WFEO). The theme of WEC2004 is "Engineers Shape the Sustainable Future".

The program includes a plenary session and seven parallel sessions on:

- Network engineering and information society
- Biological engineering & healthcare
- Transportation and sustainable mega-cities
- Environment protection and disaster mitigation
- Agricultural engineering and food security
- Resources and energy
- Ecological material and green manufacturing

For more information, please contact Tel. +86 10 621 73499, Fax: +86 10 62180142, Email: [wec2004sec@sino-meetings.com](mailto:wec2004sec@sino-meetings.com) or consult the web page at [www.wec2004.org](http://www.wec2004.org)

### 2004 Annual Scientific Conference and General Meeting of TSAE

The 2004 Annual Scientific Conference and General Meeting of the Tanzania Society of Agricultural Engineers (TSAE) will be held at the TANESCO Training Institute, **Morogoro, Tanzania** from **22 to 24 November 2004**. The TSAE 2004 Annual General Meeting (AGM) will be held at the end of the Scientific Conference on 24 November 2004.

The main theme of "The Role of Engineering and Technology in Poverty Reduction" will be subdivided into 13 sub-themes:

- Appropriate technology adaptation, adoption and use for poverty reduction
- Role of information and communications technologies in poverty reduction
- Water supply and sanitation
- Food production and processing
- Housing
- Energy
- Transportation
- Income generation
- Employment creation / entrepreneurship
- Education and training
- Environmental issues
- Gender issues in poverty reduction
- HIV/AIDS

Full papers for accepted abstracts should be received by 15 August 2004.

For further information contact: The Secretary, Tanzania Society of Agricultural Engineers (TSAE), P.O. Box 3003, CHUO KIKUU, MOROGORO. TANZANIA.

Tel: +255 23 2604216; +255 23 2603511-4 Ext. 4433;

Fax: +255 23 2603718. E-mail: [tsae@suanet.ac.tz](mailto:tsae@suanet.ac.tz) URL: <http://eng.suanet.ac.tz/>

### ICFPTE '04

The second International Conference on Innovations in Food Processing Technology and Engineering will be held from **11 to 13 January 2005** at the Asian Institute of Technology in **Bangkok, Thailand**.

The technical programme will include plenary and keynote lectures, parallel lectures and poster sessions. Original contributions, case histories of industrial operations, state-of-the-art papers, and commercial information on the following subjects are invited:

- Food processing technology
- Physical properties of foods
- Thermal processing and preservation
- Non-thermal processing
- Food safety
- Food packaging
- Nutraceutical and functional foods
- Postharvest preservation and processing
- Novel technologies in food handling, processing and transport
- Information technology applications in food industry
- Automation in food industry
- Food processing wastes

Abstracts, not exceeding 300-400 words, should clearly state objectives, brief methodology and conclusions. The last date for the submission of abstracts is July 31, 2004. However, abstracts received after the deadline will not be included in the proceedings but still be considered for presentation.

Deadlines:

Abstracts: 31 July 2004

Registration fees are US\$ 300/350 (before/after 30 August 2004), US\$ 100 for students. Fees include the cost of conference materials (proceedings etc.), working lunches, coffee/tea and banquet.

For further information please contact: Ms. Tasana Sa-id, FEBT, SERD, Asian Institute of Technology, PO Box 4 Klong Luang, Pathumthani 12120, Thailand. Phone: + 66 2 524 5488, Fax: 66 2 524 6200, email: [phfpe@ait.ac.th](mailto:phfpe@ait.ac.th), <http://www.serd.ait.ac.th/icfppte>

### 7<sup>th</sup> International Conference on "Construction, Technology and Environment in Livestock Farming"

The Max Eyth Society for Agricultural Engineering in the VDI (VDI-MEG), the Committee for Technology and Structures in Agriculture (KTBL) and the Federal Agricultural Research Centre (FAL) invite you to participate in this conference, which will be held on **2 and 3 March 2005** at the FAL in **Braunschweig, Germany**.

The main aim of this biannual conference is to present and to discuss the latest developments in farm buildings, animal housing and animal production as well as new solutions for environmental engineering concerning emissions and process technology.

The Institute for Production Engineering and Building Research of the FAL invites scientists and experts in agricultural engineering and manufacturers to give oral, poster or video presentations in one of the three sessions of the conference. Presentations should deal with innovative developments or solutions in connection with husbandry systems for dairy cows, cattle, pigs poultry and horses, specifically:

- Farm building, building systems, constructions, building material, building costs
- Husbandry systems, animal welfare
- Milking systems
- Feeding
- Management and labour
- Quality assurance and documentation of production
- Environmental impact, emissions, immissions, air quality
- Computer based systems
- Sustainable production systems
- Waste based products, renewable energy

A volume of the papers will be distributed to the participants of the Conference. The organizers are working to keep the price to a reasonable level of around 140 €. The final programme and further information will be available from November 2004.

Dates and deadlines:

Acceptance notification: 31 August 2004

Full texts: 30 November 2004

For further information, please mail to: Prof. Dr. F.-J. Bockisch, Institute of Production Engineering and Building

Research, Federal Agricultural Research Centre (FAL), Bundesallee 50, D-38116 Braunschweig, Germany.  
Tel. +49 531 596 4402 / 4406 Fax: +49 531 596 4499;  
E-mail: BTU-Tagung-2005@fal.de; <http://www.bb.fal.de>

### 5<sup>th</sup> ECPA and 2<sup>nd</sup> ECPLF

The 5<sup>th</sup> European Conference on Precision Agriculture and the 2<sup>nd</sup> European Conference on Precision Livestock farming will be held as parallel conferences from **9 to 12 June 2005** in **Uppsala, Sweden**. They will deal with the following main themes:

- Feed quality management
  - On-farm analysis technology
  - Robotics, autonomous vehicles and controlled traffic
  - Environmental effects of precision agriculture and precision livestock farming
  - Precision horticulture and viticulture
  - Automation in livestock farming
  - Implementation, education and training
- Contributions of abstracts dealing with these themes and

other precision agriculture and precision livestock farming themes are welcome. Abstracts can be submitted until 20 September 2004. The abstracts must be written in English, not exceeding 600 words. They will be independently refereed by the editors and appointed reviewers. Authors of accepted abstracts will be invited to write a paper intended for publication in the conference proceedings by 15 October 2004. Abstracts can be submitted online between 15 June and 20 September 2004.

Important dates:

Abstract Submission: 20 September 2004

Acceptance Notification: 15 October 2004

Submission of papers: 15 December 2004

More information and updates on the conferences can be found at <http://www-conference.slu.se/ecpa/index.htm> or <http://www-conference.slu.se/ecplf/index.htm>

Contact the conference secretariat by fax under +46 18 67 35 30 or by e-mail at [ecpa@slu.se](mailto:ecpa@slu.se) or [ecplf@slu.se](mailto:ecplf@slu.se)

## PUBLICATIONS

**CIGR Electronic Journal: <http://cigr-ejournal.tamu.edu/>**

### CIGR Electronic Journal: ISSN 1682-1130

Since the last list published here, several new articles have been published in Volume VI (2004) of the *CIGR E-Journal / Agricultural Engineering International: The CIGR Journal of Scientific Research and Development*, ISSN 1682-1130

#### Peer Reviewed Technical Articles:

7.) A. van Wagenberg, B. Bjerg and G. Bot. Measurement and Simulation of Climatic Conditions in the Animal Occupied Zone in a Door Ventilated Room for Piglets. Manuscript BC 03 020. Vol. VI. April 2004.

8.) P. Picuno and C. Sica. Mechanical and Spectroradiometrical Characteristics of Agricultural Plastic Films. Manuscript BC 04 001. Vol. VI. April 2004.

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#### Invited Overview Articles:

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