

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>

5th ECPA and 2nd ECPLF

The 5th European Conference on Precision Agriculture and the 2nd 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 or 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.

9.) R. Medjo Eko. Use of Isotropic Stress State Framework to Evaluate the Effect of Suction on Some Mechanical Parameters of Sainte-Rosalie Clay Submitted to Confined Compression. Manuscript LW 02 002. Vol. VI. April 2004.

10.) J. Khazaei and D. Mann. Effects of Temperature and Loading Characteristics on Mechanical and Stress-Relaxation Properties of Sea Buckthorn Berries. Part 1. Compression Tests. Manuscript FP 03 011. Vol. VI. April 2004.

11.) J. Khazaei and D. Mann. Effects of Temperature and Loading Characteristics on Mechanical and Stress-Relaxation Properties of Sea Buckthorn Berries. Part 2. Puncture Tests. Manuscript FP 03 010. Vol. VI. April 2004.

12.) K. Rosentrater. Laboratory Analysis of an Electrostatic Dust Collection System. Manuscript BC 03 008. Vol. VI. April 2004.

Invited Overview Articles:

1.) H. Harms. Possibilities to Reduce Manufacturing and

Management Costs of Tractors and Agricultural Equipment. Club of Bologna. Vol. VI. April 2004.

The articles of the CIGR Electronic Journal are available free of charge on the internet at <http://cigr-ejournal.tamu.edu/>

Precision Livestock Farming

Contains peer-reviewed papers that were presented at the 1st European Conference on Precision Livestock Farming, 15 to 19 June 2003, Berlin. Edited by Sidney Cox. Wageningen, NL 2003. 184 pp. ISBN 9076998221. Price: (paperback) € 40.

More information: sales@WageningenAcademic.com or www.WageningenAcademic.com/ECPLF

Proceedings of the 3rd Asia-Pacific Drying Conference (ADC'03)

The official proceedings of ADC'03, held at the Asian Institute of Technology, Bangkok, Thailand from 1 to 3 September 2003, are a compilation of 65 papers in book (725 pages) and CD-ROM formats (not available separately), incl. subject and author indexes. Abstracts can be accessed at www.serd.ait.ac.th/adc.htm. To order the publication, send a bank draft worth US\$36 (plus postage) payable to the 'Asian Institute of Technology'. Contact: Miss Tasana Sa-id; Food Engineering and Bioprocess Technology; School of Environment, Resources and Development; Asian Institute of Technology, PO Box 4, Klong Luang; Pathumthani 12120 Thailand. Phone: +66 2 5245488, Fax: +66 2 5246200 Email: tasana@ait.ac.th or phfpe@ait.ac.th

CIGR Handbook of Agricultural Engineering

Edited by CIGR and published by ASAE. Five volumes, 2,400 pages, 110 authors. The books are available in CD-ROM and individual hardcover book format. Further information: ASAE; Dept. 1661, 2950 Niles Road, St. Joseph, MI 49085-9659; USA, Tel: 616-428-6324; Fax: 616-429-3852 E-mail: martin@asae.org

4th Report from Section II Working Group 13

Pedersen, S. & and Sällvik, K. *Climatisation of Animal Houses – Heat and Moisture Production at Animal and House Levels: 4th Report from Section II Working Group 13*, 2002. Published by Research Centre Bygholm, Danish Institute of Agricultural Sciences, P.O Box 536, DK-8700 Horsens, Denmark. ISBN 87-88976-60-2 Available for download at <http://www.agrsci.dk/jbt/spe/CIGRreport>

Proceedings of the 32nd International Symposium on Agricultural Engineering

Actual Tasks on Agricultural Engineering: Proceedings of the 32nd International Symposium on Agricultural Engineering in Opatija, Croatia, 23 to 27 February 2004. Ed. Silvio Košutić. Faculty of Agriculture: Zagreb, 2003. ISSN 1333-2651 The Proceedings contain more than 40 contributions on ca. 430 pages. For availability information, contact the editor: Silvio Košutić, Faculty of Agriculture, Agricultural Engineering Department, Svetosimunska 25, 10000 Zagreb, Croatia. Tel.: 00385 1 2393819; Fax: 00385 1 2315300 or 00385 1 2393724; E-mail: s.kosutic@agr.hr

Environmental Pollution and Agriculture

Arvind Kumar (ed.), *Environmental Pollution and Agriculture*. New Delhi: A.P.H. Publishing, 2002. This 531-page collection of 65 research articles is available for US\$ 99.70 from K.K. Agencies/Online Store of Indian publications, H-12 Bali Nagar, New Delhi-110015, INDIA. URL: www.kkagencies.com; Tel.: +91 (0)11 5465925, Fax: +91 (0)11 5173055

Coping with Water Scarcity

Ian Cordery; Iacovos Iacovides; Luis Santos Pereira. *Coping with Water Scarcity*. IHP-VI Technical Documents in Hydrology No. 58. 272 pages, incl. bibliography. UNESCO: Paris, 2002. (IHP-VI Document code: SC.2002/WS/49, UNESCO document Catalogue Number:127846.) This publication is available free of charge in pdf format for at <http://unesdoc.unesco.org/images/0012/001278/127846e.pdf>

Agricultural Drainage Water Management in Arid and Semi-arid Areas

Tanji, Kenneth K, and Kielen, Neeltje C.: *Agricultural Drainage Water Management in Arid and Semi-arid Areas* (FAO Irrigation and Drainage Paper 61) FAO: Rome, 2002. ISBN 92-5-104839-8. 189 pp. Incl. CD-ROM.

Precision Agriculture

This substantial paperback, edited by John Stafford and Armin Werner, contains peer-reviewed papers presented at the 4th European Conference on Precision Agriculture, 15 to 19 June 2003, Berlin. Wageningen, NL 2003. 784pp., ISBN 9076998213. Price: (paperback) € 95. More information: sales@WageningenAcademic.com or www.WageningenAcademic.com/ECPA

Recommandations internationales pour le logement des bovins viande: Synthèse des connaissances de la Commission Internationale du Génie Rural

This publication, the French version of the “CIGR Design Recommendations for Beef Cattle Housing” by CIGR WG 14, which appeared in September 2002, can now be ordered from: Technipel, 149 rue de Bercy, F75595 PARIS CEDEX 12. The price per unit is 18 € plus postage. <http://www.inst-elevage.asso.fr/> E-mail: technipel@inst-elevage.asso.fr

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

CIGR GENERAL SECRETARIAT
Prof. Dr. Peter Schulze Lammers, Secretary-General
INSTITUT fuer LANDTECHNIK
NUSSALLEE 5; D-53115 BONN GERMANY
Tel.: +49 228 73-2389 / +49 228 73-2597
Fax.: +49 228 73-9644 E-mail: CIGR@uni-bonn.de
Deadline for CIGR Newsletter N° 68 is 1 September 2004

DISCLAIMER:

The CIGR Newsletter is a quarterly publication of the CIGR General Secretariat. This Newsletter is also available in French as “Bulletin de la CIGR”. CIGR assumes no responsibility for the statements and opinions advanced by the contributors. Whilst every effort has been made to make the information contained in this newsletter as accurate as possible, no warranty of accuracy is made or implied by the editors. The editors shall have neither liability nor responsibility to any person or entity with respect to loss or damages in connection with or arising from the contents of this newsletter.