

United Nations  Nations Unies

Asian and Pacific Centre for Agricultural Engineering and Machinery (APCAEM)  
A-7/F, China International Science and Technology Convention Centre  
No. 12, Yumin Road, Chaoyang District, Beijing 100029, P. R. China  
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**International Seminar and Exhibition on Information and Communication Technology  
Applications for Agriculture/Rural Industry, and Agro-based Enterprise Development  
5-7 April 2004, Beijing, China**

**PROGRAMME**

Monday, 5 April 2004

08:00 – 08:30 hrs      Registration

08:30 – 09:45 hrs      Opening of the Seminar and Exhibition

*Session Chair: Prof. Reynaldo Acda*

Opening statement by Professor *Wu Hequan*, Vice President, Chinese Academy of Engineering (CAE)

Statement by Professor *Wang Maohua*, Chinese Agriculture University

Statement by Professor *Chen Zhi*, President of the Chinese Academy of Agricultural Mechanization Sciences (CAAMS)

Opening statement by Dr. *Tapio Juokslahti*, Director of APCAEM

09:45 – 10:00 hrs      Coffee/Tea break

10:00 – 12:00 hrs      **Session I: Agricultural Information Systems**

*Session Chair: Mr. Yutong Huang*

(1) *Mr. Jingdun Jia*, Department of Rural and Social Development of the Ministry of Science and Technology; Status of Application of Information System in Agriculture and the Future Development in China

(2) *Mr. Jiajun Ning*, National Information Centre; Construction of Network to Alleviate Poverty in the West of China

(3) *Prof. Xiaochao Zhang*, Chinese Academy of Agricultural Mechanization Sciences; Application of GPS (Global Position System) in Agricultural Information System

(4) *Prof. Fangquan Mei*, Chinese Academy of Agricultural Sciences; Analysis of the Development of Informationization of Agriculture in China

12:00 – 13:30 hrs      Lunch break

13:30 – 15:30 hrs      **Session II: Internet Communication Technologies**

*Session Chair: Dr. Wang Maohua*

(1) *Mr. Chunjiang Zhao*, National Engineering Research Centre for Information Technology in Agriculture; Progress of Precision Agriculture in Beijing Area

- (2) *Prof. Haiye Yu*, Jilin University; Internet-Based Remote Control of Greenhouses
- (3) *Mr. Dong Haojun*, Beijing Agricom Network Technology Co.,Ltd, Application of Information Technology in the Area of Rural Scientific Promotion Service
- (4) *Mr. Michael Ma*, Putian-Founder Communications, Inc, Application of Low Cost LAS-CDMA in TDD mode Wireless Communication System in Rural Areas
- (5) *Mr. Jack Zhao*, Global Communications (Texas, USA); Voice over Internet Protocol (VoIP) Applications in Rural Connectivity

15:30 – 15:45 hrs      Coffee/Tea break

15:45 – 18:00 hrs      **Session III: Reports on ICT Applications for Agriculture/Rural Industry at the Regional and Country Level**

*Session Chair: Mr. Edgar Dante*

- (1) *Mr. Edgar Dante*, Emerging Social Issues Division, United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP), ICT Applications and Networking for Agro-chemicals and fertilizers in Asia: Lessons from the FADINAP Experience
- (2) *Prof. Reynaldo Acda*, College of Engineering and Agroindustrial Technology, Los Banos, Philippines, ICT Networking for Agriculture; The Case of the Philippines
- (3) *Dr. Birendra Kumar Garg*, Central Institute of Agricultural Engineering, Bhopal, India, Country Report from India
- (4) *Dr. Wais Kabir*, Bangladesh Agricultural Research Council, Country Report from Bangladesh
- (5) *Mr. Hussain Ahmad Khan*, Pakistan Agriculture Research Council, Country Report from Pakistan

Tuesday, 6 April 2004

09:00 – 12:00 hrs      **Session IV: Software and Database Development**

*Session Chair: Dr. Tapio Juokslahti*

- (1) *Mr. Shuming Zhang*, Chinese Academy of Agricultural Mechanization Sciences; Construction and Application of Database in Agricultural By-product Processing
- (2) *Mr. Jiaxin Yu*, Shanghai Fengnong Information Transferring Technology Co. Ltd.; A Model of Price Information Services for Agricultural Production
- (3) *Prof. Zhenrong Yu*, Chinese Agriculture University; Establishment and Application of a Database for Regional Resource and Environment Management
- (4) *Prof. XianXue Meng*, Chinese Academy of Agricultural Sciences; Establishment of Agricultural Database System
- (5) *Mr. Justin Di*, A-Lab Oy, Software for potato storage systems

12:00 – 13:00 hrs      Lunch break

13:00 – 16:00 hrs      **Session V: International Partnerships and Potential Projects**

*Session Chair: Dr. Joong-wan Cho*

- (1) *Mr. K. Lakshminarayanan*, The Asian and Pacific Centre for Technology Transfer (APCTT), New Delhi, India; APCTT Initiatives towards Establishing and Strengthening Information Networking in Selected Agro Sectors (e.g., Bamboo, Fruit & Vegetable Processing and Herb Medicine)

- (2) *Mr. Ye Ge*, Chinese Academy of Agricultural Mechanization Sciences; The Information Network System for United Nations Asian and Pacific Centre for Agricultural Engineering and Machinery
- (3) *Mr. Zhaofeng Tian*, Chinese Academy of Agricultural Mechanization Sciences; Informationization of APCAEM and Development of Agro informationization in China

16:00 – 17:00 hrs      Concluding Remarks on ICT Applications for Agriculture/Rural Industry by *Tapio Juokslahti*

16:30 – 20:30 hrs      Dinner reception hosted by CAE for the invited international and local participants

Wednesday, 7 April 2004

09:00 – 12:00 hrs      **Session VI: Agro-based Enterprise Development**

*Session Chair: Dr. Tapio Juokslahti*

- (1) *Dr. Joong-wan Cho*, Trade and Investment Division/United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP); Agro-Industrial Enterprise Development-Clustering Approach
- (2) *Dr. Po-Hi Pak*, Korea Institute for Social Information and Research (In.Sirch) and Social Enterprise – Korea; Agro-based Cooperative Enterprises in Korea: Current Status and Future Prospects

12:00 – 13:30 hrs      Lunch break

14:00 – 15:30 hrs      **Session VII: Agro-based Industrial Development: The Case of Yantai Fruits and Vegetables**

*Mr. Li Wei, Director, China Yantai APEC Trade and Investment Exhibition Centre*

15:30 – 16:30 hrs      Concluding Remarks on Agro-based Enterprise Development by *Joong-wan Cho*

**\*Exhibition\***

The exhibition opens on 5-7 April 2004 during 08:00-17:00 hrs in the Exhibition Hall of the China International Convention Centre for Science and Technology.

Seminar venue: China International Science and Technology Convention Center, Building B, 15. Floor, No. 12 Yumin Road, Chaoyang District, Beijing 100029, China.

Thursday, 8 April 2004

09:00 – 17:00 hrs      Project formulation discussions on agro-based cooperative enterprises with application of clustering approach; APCAEM related pending matters (e.g., new Statute of APCAEM and preparation of APCAEM display at the 60<sup>th</sup> Commission session, fast track recruitment of experts, etc.) were discussed with the Director at the APCAEM office

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