**INTERNATIONAL SYMPOSIUM**

**ON CROP GROWTH MONITORING**

**ISCGM 2014**

**September 13-16, 2014 Nanjing, China**

Non-destructive monitoring of crop growth is critical for assessing growth status, guiding precision management and predicting productivity. Significant progress has been achieved in recent years involving different aspects in growth monitoring, such as the emergence of various low-altitude sensing systems and the availability of vast amount of satellite imagery (e.g., Landsat and MODIS) for croplands. The main goals of this symposium are to exchange information on the state-of-the-art of current approaches to growth monitoring and related fields, and to discuss future directions and opportunities for collaboration, leading to practical applications with advanced products and systems. Submitted papers will be reviewed and published in a book after the symposium.

**Subjects**

The topics of this symposium may focus on, but are not limited to:

* New platforms and sensors for crop monitoring
* Unmanned aerial vehicle (UAV) based crop imaging
* Ground-based hyperspectral crop sensing
* Field sensing network
* Satellite sensing of agricultural crops
* Real-time diagnosis of crop water and nutrition status
* Time series analysis of crop growth cycle
* Detection of pre-visual stress in crops
* Estimation of crop biophysical/biochemical parameters
* Crop cover classification and cropland mapping
* Crop yield forecasting

**IMPORTANT DATES**

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| April 30, 2014 | Abstract submission deadline |
| May 31, 2014 | Notification of acceptance and registration open |
| July 15, 2014 | Early registration deadline |
| August 15, 2014 | Full paper (four pages) submission deadline |
| August 15, 2014 | Author registration deadline |
| September 13-16, 2014 | ISCGM 2014 |

**Organizer**

National Engineering and Technology Center for Information Agriculture

**CO-ORGANIZERS**

* China Association of Agricultural Science Societies
* Chinese Society for Agricultural Machinery
* Chinese Society of Agricultural Engineering
* Nanjing Agricultural University
* Key Laboratory of Agricultural Remote Sensing and Information System, Zhejiang Province, China
* Key Laboratory of Modern Precision Agriculture System Integration Research, Ministry of Education

**Sponsors**

* ESRI China Information Technology Co., Ltd
* LICA United Technology Limited
* Zolix Instruments Co., Ltd

**Keynote speakers**

* Dr. Damiano Gianelle, Research & Innovation Centre, Italy
* Dr. Martine Guerif, INRA, France
* Dr. Neil Hubbard, JRC-IES, European Commission
* Dr. Yoshio Inoue, NIAES, Japan
* Dr. Arko Lucieer, University of Tasmania, Australia
* Dr. Susan Ustin, UC Davis, USA
* Dr. Zhengwei Yang, USDA NASS, USA

**Scientific Committee**

Prof. Weixing Cao, National Engineering and Technology Center for Information Agriculture, China

Dr. Tao Cheng, Nanjing Agricultural University, China

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Dr. Damiano Gianelle, Fondazione Edmund Mach, Italy

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Dr. Raymond Hunt, USDA-ARS, USA

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Dr. Brett Whelan, University of Sydney, Australia

Dr. Zhengwei Yang, USDA NASS, USA

# Dr. Pablo J. Zarco-Tejada, Institute for Sustainable Agriculture (IAS), National Research Council (CSIC), Spain

Dr. Chunjiang Zhao, NERCITA, Beijing, China

Prof. Yan Zhu, Nanjing Agricultural University, China

**Conference language**

English

**REGISTRATION FEES**

The registration fees are $300 for regular attendees and $150 for students.

**Symposium Agenda**

Saturday, September 13, 2014 Registration and gathering

Sunday, September 14, 2014 Plenary presentations

Monday, September 15, 2014 Oral and poster presentations

Tuesday, September 16, 2014 Local tour and see off

**PResentation guideline**

The duration of a presentation will be 25 minutes in plenary sessions and 15 minutes in regular oral sessions. Each presenter is allowed 5 minutes for questions or discussion. In addition, a poster session will be arranged during the symposium.

**General information**

**Venue**

Hanyuan Mansion: 1 Tongwei Road, Nanjing, Jiangsu 210095, P. R. China

More information on the hotel is available online at [www.hanyuanhotelnjau.com](http://www.hanyuanhotelnjau.com) or by phone at +86 25 8439 3988.

**Contact**

For any questions about the symposium, please visit the website at <http://iscgm2014.netcia.org.cn> or contact the Secretariat:

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