

## ISPRS Society



### ISPRS 2008 Beijing

By Chen Jun, Congress Director ISPRS Council 2004–2008



Beijing, China had the honor to be selected as the host city for the 21st Congress of the International Society for Photogrammetry and Remote Sensing in Istanbul, July 2004. I am confident that the ISPRS 2008 Beijing will be one of the most successful congresses. To achieve this goal, I need your attention, your support and your participation. Here I am pleased to provide you some information on the ISPRS 2008 Beijing.

#### The City

The center of Beijing is located at 39°56' northern latitude and 116°20' eastern longitude. Beijing covers an area of 16,808 square kilometers with a population of about 13 million.

As the capital city of China, Beijing is the national center of politics and culture, as well as a transportation hub both nationally and internationally. Beijing is a historical city, established more than 3000 years ago. It was the capital city for five dynasties over the last seven centuries. The long and brilliant history left Beijing countless historical attractions, including the famous Forbidden City, the Great Wall, the Temple of Heaven, the Summer Palace, the Ming Tombs, etc.

Beijing is also a lively city, with colorful culture and fascinating traditions. Here one can easily follow the tracks of history and people's life. From historical Beijing-style Lanes (Hutong) to ultra-modern business districts, from traditional antiques and silk markets to the fashionable shopping malls, and from colorful and delicate Peking Opera to the wildest Rock-n-Roll.

Beijing is a modern city, too. On the streets of Beijing, high-rises, shopping malls, hotels, restaurants, comprehensive and busy traffic networks keep telling you the stories



Beijing international convention center.

of its modern achievements. Today, Beijing is striving to prepare the 2008 Olympic Games. The new Beijing will be ready to welcome everyone with better environment, comfortable living, convenient and high-efficient transportation, top-class services, and, as always, the hospitality from Beijing people.

#### The Venue

The Beijing International Convention Center (BICC) will be the venue for the ISPRS 2008 Beijing. It is located at the Asian Games Village, 20 km from the Beijing Capital Airport, 9 km from the Tian'anmen Square (city center). The BICC is one of the largest facilities specifically designed for conferences and exhibitions in China. The BICC consists of an eight-floor building covering an area of about 68800 square meters. It has 50 conference halls and meeting rooms, as well as indoor exhibition halls accommodating as many as 300 international standard exhibition booths and dozens of offices.

The BICC has hosted over 4000 important large events, such as the 11th Asian Games, the 4th World Women's Congress and the 22nd Universal Postal Congress. It was honored the title of 'the Best Venue for Hosting International Conferences' by Beijing Municipal Tourism Administration and qualified by Beijing Tourism Association as the five-star member. BICC enjoys good reputation for its first-class facilities and service.

#### Date

The ISPRS 2008 Beijing will be held during 3-11 July 2008, about one month before the 2008 Olympic Games.

#### Theme of the Congress - Silk Road for Information from Imagery

The Silk Road was the East-West trading route of ancient times. It served as an important conduit for both goods and information. It contributed a lot to exchanges of different kinds of civilization. Nowadays, global spatial information is widely required by many nations, organizations and individuals etc.. To make the data available and accessible, we should strengthen international cooperation and promote data-sharing in photogrammetry, remote sensing and geo-information. ISPRS community can play a very important role in building up "Silk Road for Information from Imagery".

#### Accommodation

Beijing is a large tourist city. It has comprehensive support

and services to travelers. Now there are more than 450 tourist hotels, including 400 star-rated hotels, providing daily services to all kinds of travelers in Beijing. You will not have any difficulties finding a hotel that suits your specific need. Budget hotels for students will be available also.

### Some of the Local Attractions



*The Tian'anmen Square - Largest Square in the World.*



*The Forbidden City - Imperial Palace of Ming and Qing Dynasties.*



*The Temple of Heaven - Pinnacle of Ming and Qing Architecture.*



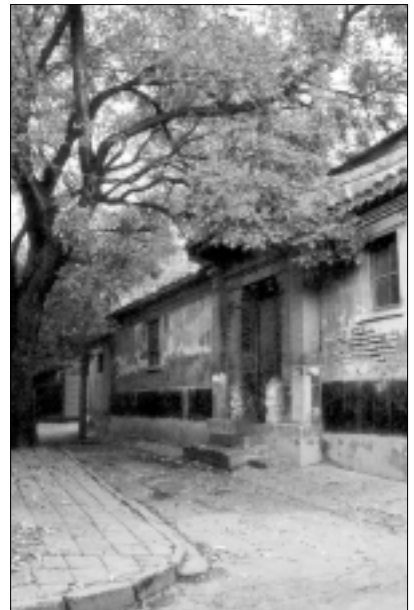
*The Summer Palace - Largest Royal Garden In China.*



*The Great Wall - One of the Greatest Miracles in the World Architecture History.*



*The Ming Tombs - Mausoleums for 13 Emperors and Their Concubines.*



*The Beijing-style Lanes (Hutong). Communication Network of Old Beijing.*

For more and updated information please visit the website: <http://www.isprs2008-beijing.com>, or contact:  
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In the preparation for ISPRS 2008 Beijing, we keep in mind that for organizers the **ISPRS** stands for Informative, **S**pecial, **P**eople-centered, **R**ewarding, **S**uccessful. I assure you that ISPRS 2008 Beijing will be an ISPRS Congress.

## The Institute of Photogrammetry and Remote Sensing Vienna University of Technology

is organizing a University Course  
"Laserscanning - Data Acquisition and Modeling"

6-7 October 2005

More information can be found:

[http://www.ipf.tuwien.ac.at/events/unil\\_laser\\_2005.html](http://www.ipf.tuwien.ac.at/events/unil_laser_2005.html)

### Announcement: Joint Conferences on urban remote sensing



The third International Symposium 'Remote Sensing and Data Fusion over Urban Areas (URBAN 2005)' and the fifth International Symposium 'Remote Sensing of Urban Areas (URS 2005)' will be hosted together March 14 - 16, 2005 at Arizona State University (ASU)

in Tempe, Phoenix, AZ, USA.

For the first time, both conferences will be held together outside Europe in the United States. We therefore expect to attract a diverse and well-informed group of scientists interested in the wide-ranging aspects of urban remote sensing. Until now they have met in Germany, Italy and Turkey and have attracted primarily a European audience of remote sensing specialists. We would like to encourage more participation of scientists from the U.S., students, users, and scholars from developing countries who are interested in the use of remote sensing for urban applications. Urban remote sensing has become an important and well recognized scientific subject in recent years. High resolution, multi-spectral and stereoscopic digital remotely sensed imagery has enabled new research. This research includes the monitoring of urban densities, new developments on the urban fringe, estimation of impervious of surfaces, transition of agricultural lands, etc. Urban growth and its associated problems are very challenging tasks in which remote sensing imageries assist in obtaining up-to-

date information. During the last decades and, especially during the last few years, we have seen rapid advances in imaging technology as well as in image analysis techniques. More and more scientists are focusing on urban growth related topics. Remote sensing and GIS, given their cost-effectiveness and technological soundness, are increasingly being used for development of useful information and for decision making in support of a wide range of urban applications.

Some more points of interest 'beyond the scientific merit':

The meetings are going to be held in Tempe, Arizona in March 2005. The weather in Tempe at this time of year is near perfect (ave high: 77F, 25C and ave low: 51F, 11C). You can enjoy many outdoor activities such as walks, hikes, swimming, or relaxing outdoors.

To experience some of our 'Wild Western heritage', part of your registration includes a dinner at Pinnacle Peak Patio (<http://www.pppatio.com/>).

The first evening will include a special poster session with refreshments for you to see old friends and meet new ones.

There are several optional field trips available before or after the meeting for you to experience more of Arizona's finest attractions such as Grand Canyon, Monument Valley and Saguaro National Park. See our web page for details on available trips.

We are looking forward seeing you!

For detailed information please visit  
[www.urban-remote-sensing.org](http://www.urban-remote-sensing.org)



## Report of ISPRS 'Processing and Visualization Using High-Resolution Imagery'

By Daniela Poli, Institute of Geodesy and Photogrammetry, ETH Zurich, Switzerland

High-resolution imagery has found a growing interest in photogrammetry in the last few years. In this context, the ISPRS Workshop "Processing and Visualization using High-Resolution Imagery" was held in Pitsanulok, Thailand, from 18th to 20th November 2004, few days before the 25th Asian Conference of Remote Sensing (ACRS) in Chiang Mai, Thailand. The aims of the Workshop were to demonstrate 3D models produced from high-resolution imagery, recorded by ground-based digital cameras, airborne and space-borne sensors and laser scanners and to exchange information on novel visualization and animation concepts for applications at international, regional and local levels.

The Workshop was organised by the University of Tokyo (Prof. Shunji Murai and Dr. Takashi Fuse), ETH Zurich (Prof. Armin Gruen and Fabio Remondino) and the Naresuan University, Thailand (Prof. Sirirat Sanyong) and was supported by the ISPRS WG V/6 "Visualization and Animation" (period 2000-2004), the Naresuan University (Thailand), GISTDA (Thailand) and ARIDA (Japan).

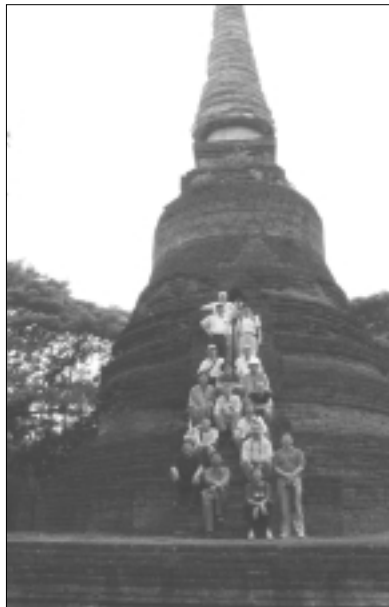
A total of 40 participants came from 10 different countries. The Workshop was organised into one keynote speech and 27 oral presentations, divided into 7 sessions. The keynote address was delivered by Dr Jilwalai (GISTDA Bangkok) about the Thailand's activities towards the establishment of a national spatial data infrastructure. The presented papers reported about the latest results achieved in the 3D modelling and realistic visualization of landscapes, urban environments and cultural heritages from close-range, airborne and spaceborne high-resolution imagery. In particular two demonstrations about the 3D modelling of cultural heritage sites and objects have been given.

An attention was also addressed to the object extraction and GIS applications.

During a special session dedicated to 3D modelling software, the package iWitness (Photometrix, Australia) for the processing of close-range images and the software SAT-PP (IGP-ETH Zurich, Switzerland) for the processing of satellite images, have been presented.



From left to right: Prof. Gruen, Prof. Murai and Prof. Chikatsu during the Opening Ceremony.



Some pictures from the excursion.

The social events included a riverside dinner and an excursion to the wonderful Sukothai National Park. A large part of the participants continued the trip to Chiang Mai, Thailand, to attend the 25th ACRS conference.

The Proceedings of the Workshop (ISSN 1682-1777, Vol. XXXVI, part 5/W1) are available under: [http://www.photogrammetry.ethz.ch/pitsanulok\\_workshop](http://www.photogrammetry.ethz.ch/pitsanulok_workshop)

# ISPRS Council Meeting

*Istanbul, 30 September – 2 October 2004*

## Attendees

President	Ian Dowman (ID)
Secretary General	Orhan Altan (OA)
Congress Director	Chen Jun (CJ)
First Vice President	John Trinder (JT)
Second Vice President	Manos Baltasvias (EB)
Treasurer	Stan Morain (SM)

## AGENDA

1. **Opening (ID)**
2. **Approval of Agenda (ID)**
3. **Review of previous Council Meetings in Bursa and Istanbul**
4. **Actions of Council (ID)**
  - 4.1 Continued actions from the previous Council
  - 4.2 Council responsibilities
  - 4.3 IPAC & ISAC
  - 4.4 Publications: contracts and editors
  - 4.5 Archives and GITC contract
5. **Review of Technical Commission Plans (ID)**
  - 5.1 Working Groups
  - 5.2 Dates, locations and themes of Symposia, tutorials and other ISPRS meetings
  - 5.3 Distribution of WG's on a National Basis
  - 5.4 Guidelines for the Paper Submission and Presentation in ISPRS sponsored meetings
  - 5.5 Other Matters
6. **Exchange of views from Council. (Council)**

A brain-storming session about the role of the Council, the contributions that each member can make and perceived innovations and developments that should be made in the next 4 years.
7. **Congress (Council)**

Lessons learned from Istanbul Congress (Abstract and Paper submissions, Technical Program, Technical and Poster Sessions and Attendance, Registration, Exhibition, Opening and Closing Ceremonies, Awards Presentations, Social Program, General Assembly, National Reports, Congress Book, other issues...)
8. **ISPRS Membership (OA)**
  - 8.1 Ordinary Members
  - 8.2 Associate Members
  - 8.3 Regional Members
  - 8.4 Sustaining Members

## 9. ISPRS Publications

- 9.1 ISPRS Journal (EB)
- 9.2 ISPRS Bulletin, including Calendar, Editorials and distribution (OA)
- 9.3 Brochure and new display panels (OA)
- 9.4 Home Page (OA)
- 9.5 Book Series (JT, ID)

## 10. ISPRS Committees

- 10.1 CIPA
- 10.2 ICORSE

## 11. Financial Affairs (SM)

- 11.1 Handover to new Treasurer
- 11.2 Financial Commission
- 11.3 ISPRS Headquarters' Management

## 12. Relations with International and other Organizations

- 12.1 ICSU
- 12.2 CEOS
- 12.3 GeoUNIONS
- 12.4 MoU with ION
- 12.5 Electronic Geophysical Year 2007-2008
- 12.6 World Conference on Physics and Sustainable Development
- 12.7 JBGIS
- 12.8 IIF

## 13. Other Business

## 14. Next Council Meeting

## 15. Close

## MINUTES

### 1. Opening

ID opened the meeting and noted that this would be first of this four year period and expressed hope for a fruitful cooperation. He thanked OA for hosting the meeting.

### 2. Approval of Agenda

The agenda was revised to add minor items. The revised agenda is that given above.

### 3. Review of previous Council Meetings in Bursa and Istanbul

OA reviewed both sets of minutes and the minutes are accepted with the changes below.

CMBur 2. The action on the Geospatial Workforce

Development should be dropped.  
The resignation of El Salvador should be accepted.

- CMBur 8 Foundation: Council raised the issue of using available funds in the forthcoming period and it is decided that;
- the UN funds,
  - Scientific Initiative Money,
- Should be operated by the Society.

#### 4. Actions of Council

##### 4.1 Continued actions from the previous Council

ID reported on the list of continued actions from the previous council and it was decided that OA completes this list with CMBursa and CMIOIst actions.

**Action OA** to complete the action list.

##### 4.2 Council responsibilities

The list of council responsibilities was discussed and decided, according the specialization and location of Council Members. The representatives of the 'passive' organisations were not considered and will be reviewed at the next meeting.

##### 4.3 IPAC&ISAC

Council noted that both committees had played a useful role in the past four years and it was decided to continue with the same chairs, but however to remind, especially the ISAC chair, to form the committee in such a way that it represents also members who are not directly related with ISPRS activities but coming from neighbouring areas. Alain Baudoin and Wolfgang Förstner should be replaced as members of IPAC and ISAC as they are newly elected TCPs for the coming period.

##### 4.4 Publications: contracts and editors

Council noted the contracts for Book Series, Journal and Highlights. It was decided that a book of papers from the Istanbul Congress would now be too late to be useful. Therefore this should not be proceeded with. It is noted that the Associate Editors would receive total of 4000Euros per annum.

##### 4.5 Archives and GITC contract

SG should have all responsibility for the Archives and therefore he has to be familiar with the management. SG also has to get used to handle the Data Base.

#### 5. Review of Technical Commission Plans

Council reviewed the proposal received from TCPs for the formation of Working Groups and made a number of recommendations to be passed back to the TCPs. These are summarised in the table at Annex I.

#### 6. Exchange of views from Council.

Council held a lengthy discussion on the future poli-

cies and strategies to be followed for the next four years, based on a discussion paper prepared by ID. The main points from the discussion are incorporated into a draft strategy paper at Annex II.

#### 7. Congress

OA gave a presentation about the questionnaire distributed at the Congress and the evaluation of it. The questionnaire was filled by 289 participants and it shows the satisfaction of congress participant in almost every items of the congress organization. Therefore Council thanked OA for organizing this successful event.

#### 8. ISPRS Membership (OA)

##### 8.1 Ordinary Members

##### 8.2 Associate Members

##### 8.3 Regional Members

The number of Ordinary, Associate and Regional Members remained unchanged since the Congress.

##### 8.4 Sustaining Members

Council approved the following applications:

DSM GEODATA LIMITED	Cat: D
SEPRET Ingenieurs Conseils S.A.R.L.	Cat: D
BAE Systems	Cat: B

#### 9. ISPRS Publications

##### 9.1 ISPRS Journal

Council noted that the new Editor in Chief will begin at the beginning of the New Year as will new Associate Editor's. It was desirable that the waiting time for the preparation and publication of issues will be reduced in the next few years.

##### 9.2 ISPRS Bulletin, including Calendar, Editorials and distribution (OA)

OA explained the results of the Highlights questionnaire evaluation.

Although only 25 persons have replied to, this questionnaire.

47% want to receive it in paper form only.

27% want electronic form on web with email notification of contents.

26% want electronic form by email.

92% believe that it is the best form of communication between the society and its members.

And an average of 5 people read the single copy received Respondents also proposed that articles on interesting topics should be in Highlights.

OA noted that the workload on the SG to edit Highlights might be heavy, and that this should be kept under review.

MB raised the issue, also raised in an email from the

FinCom Chair to Council, concerning the high cost of highlight production. Considering the fact that this issue has been discussed many times in the previous Council meetings and that the contract with GITC has been signed it was decided to wait for two years until the mid of 2006 for action.

The following responsibilities were distributed among Council and TCP's for regular input:

ISSUE	EDITORIAL	Technical Commissions	Pages
December 04.....	SG		
March 05.....	CD	CommI - CommVI	
June 05 .....	IVP	CommII - CommIV	
September 05 .....	2VP	CommIII - CommV	
December 05.....	TR	CommVII- CommVII	
March 06 .....	PR	CommI - CommVI	
June 06 .....	SG	CommII - CommIV	
September 06 .....	CD	CommIII - CommV	
December 06 ....	IVP	CommVII - CommVIII	
March 07 .....	2VP	CommI - CommVI	
June 07 .....	TR	CommII - CommIV	
September 07 .....	PR	CommIII - CommV	
December 07.....	SG	CommVII - CommVIII	
March .....	08 CD	All Technical Commissions	
June .....	08 PR		

The distribution policy for Highlights was discussed and Council agreed to implement the policy discussed at the CM in Bursa. It was important that an accurate list was available and ID would write to Members about this.

**9.3 Brochure and new display panels**

OA showed the sketches of the new brochure and explained his views about the ISPRS display panel. It was decided that two copies of the panel should be produced in order to make it easier for Council members to use it on different occasions.

**9.4 Home Page**

OA explained his views about the homepage it was decided the ID, OA and MB meet at the beginning of November in Zurich for further discussions.

**9.5 Book Series**

After reviewing the results achieved in the last months it was decided that MB should review the activities of the Book Series Editor and report to Council in Chang Mai.

**10. ISPRS Committees**

**10.1 CIPA**

Council noted the good progress in the activities of CIPA in the past in undertaking one of the important

tasks of ISPRS. Council decided to ask to the CommV President to represent ISPRS on the CIPA Board or else nominate someone else.

**Action ID** to invite Hans-Gerd Maas to join the CIPA Board.

**10.2 ICORSE**

Council noted the insufficient and uncoordinated cooperation with the ICORSE and the Technical Commissions of ISPRS and therefore decided to request ICORSE to coordinate with Commissions VII and VIII and especially to invite TCPVII and TCPVIII to join the program committee.

**11. Financial Affairs**

**11.1 Handover to new Treasurer**

SM reported that he has begun to work with the DB given by Ammatzia Peled during the Congress and there are no changes in the financial aspects from the draft Budget prepared by the previous Council. The Council members are reminded about the Document of "The Council Members Spending Policy" and it was decided that Council members should send their budget for the next year to SM in order for him to update the 2005 Budget.

**11.2 Financial Commission**

Financial Commission has prepared a document about the future role of this commission and after some discussion it is decided to invite the Financial Commissions Chair to the next CM.

**Action ID** to invite the Financial Commissions Chair to the next CM

**11.3 ISPRS Headquarters' Management**

OA explained that two nearly full time personnel has been recruited in the Headquarters to help the SG for Administrative Works and he pointed that the expenses for this will be within the budget set by the previous Council.

**12. Relations with International and other Organizations**

**12.1 ICSU**

All council members noted the importance of ICSU for the Society and the possibility of obtaining some funds for Scientific Initiatives.

A letter had been received from INSAP (International Network for the Availability of Scientific Publications) which is working with ICSU, inviting ISPRS to consider using ISAP to distribute ISPRS Journals to developing countries. Council decided that this was not necessary at the moment.

**12.2 CEOS**

All council members noted that CEOS is one of the key umbrella organisations of satellite business and

the importance of Comms I & VII & VIII role in the activities of this organisation.

### 12.3 GeoUNIONS

ID gave a report on the GeoUnions Meeting held in Boulder and it was decided that ISPRS representatives should be nominated to the task teams. It was also noted that ISPRS had been asked to form an additional task team, possible on Geodata. AP had suggested an alternative team on Polar Science, led by Bea Csartha. ID and SM would follow this up.

### 12.4 MoU with ION

ID reported that ISPRS had been invited to sign an MoU with IoN, which is the US Institute of Navigation. Council decided that this was worth doing, but that the draft MoU provided by IoN was too lengthy. It was decided to sign a MoU with ION and JT would handle this.

### 12.5 Electronic Geophysical Year 2007-2008

In order to activate the relations with sister societies it was decided that TCPs should be informed about this activity and that this should be discussed at the next JM.

### 12.7 JBGIS

The minutes of the meeting in Istanbul were tabled and discussed. JT questioned whether ISPRS should be represented at all the meeting and that the value of the meetings was questionable. No conclusion was reached on this.

### 12.8 International Industry Forum

JT updated Council on this initiative which had been proposed by CEOS. Due to the rapidly changing situation in the area of commercial satellites, it had not been possible to progress this activity.

### 12.9 Strategic Research Institute (SRI)

SM reported that he had attended the meeting of the SRI in Denver and that he had made some useful contacts.

## 13. Other Business

It is noted that the ISPRS Istanbul Congress Data base is in possession of the Society and can be sold to other organisations with a price of 250USD. ID noted that this could not be done from UK due to data protection legislation. OA said that there was no such problem in Turkey.

## 14. Next Council Meeting

Council members noted the table of future CM and JM dates and decided to consider various possibilities in order to minimise the travel efforts.

Next Council Meeting is in Chiang Mai between 21-25 Nov 2004.

## 15. Close

ID closed the Council Meeting with thanks to members and OA for hosting the CM in Istanbul.

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## ISPRS Workshop "3D Virtual Reconstruction and Visualization of Complex Architectures" (3D-ARCH05)

### Time and Location

August 22-24, 2005, Mestre-Venice, Italy

### Organised by

ISPRS WG V/4 'Virtual Reality and Computer Animation'

### Workshop topics

- Image-based 3D modeling of complex sites and architectures
- Laser scanning of large and complex objects
- Data registration and integration
- Automated modeling techniques for complex sites and architectures
- Accuracy requirement and assessment for 3D reconstruction
- Visualization issues for large and complex sites
- Applications in cultural heritage.

### Important Dates

Deadline for FULL paper submission: **March 24, 2005.**

Notification of Refereeing results (acceptance): **June 3, 2005.**

Deadline for final paper submission: **June 24, 2005.**

### Invited Speakers

- Clive Fraser, University of Melbourne, Australia: *Metric integrity and performance evaluation of network orientation models for image-based 3-D measurements.*
- Christian Frueh, University of California Berkeley, USA: *Automated 3D Model Reconstruction for Urban Environments.*
- Marco Gaiani, Milan PolyTechnical, Italy: *The monuments restoration yard: a virtualization method and the case of study of Sala delle Cariatidi in Palazzo Reale, Milan.*

For more information: <http://www.3d-arch.org>

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## Announcement of the ISPRS Workshop Laser Scanning 2005



By Prof. Dr. George Vosselman, e-mail: [vosselman@itc.nl](mailto:vosselman@itc.nl)



You are cordially invited to participate in the ISPRS Workshop 'Laser Scanning 2005'. This workshop will be held at the ITC, Enschede, the Netherlands on September 12-14, 2005. The workshop is a joint event of the ISPRS Working Groups III/3 'Processing of point clouds from laser scanners and other sensors' (George Vosselman, Claus Brenner, Juha Hyyppä), III/4 'Automatic image interpretation for 3D city modelling' (Franz Rottensteiner, Theo Moons, Norbert Haala) and V/3 'Terrestrial laser scanning' (Norbert Pfeifer, Derek Lichti).

### Scope of the Workshop

Both airborne and terrestrial laser scanning (or lidar) are now well established methods for the acquisition of precise and reliable 3D geo-information. Beyond the primary tasks in digital terrain model generation, airborne laser scanning has also proven to be a very suitable tool for general 3D modelling tasks and landscape analysis. At the same time, terrestrial laser scanning is successfully used to acquire highly detailed surface models of objects like buildings, statues, and industrial installations. Despite large differences in resolution and accuracy between airborne and terrestrial laser scanner data, the research problems like automatic registration, feature extraction, and 3D modelling are very similar.

The workshop will bring together an interdisciplinary group of researchers, system developers, data providers and end users to discuss and demonstrate recent developments in laser scanner data processing, the potential of the technique and future trends in sensorics and data processing.

### Topics and Paper Submission

Papers are solicited on the following topics:

- Segmentation and filtering of laser scanner point clouds
- Digital surface models, digital elevation models, Earth surface characterisation
- Scene classification and feature extraction
- Automated and semi-automated extraction of objects from multiple sources (close range and aerial scans, RGB, NIR)
- Derivation of forest and vegetation parameters
- 3D city modelling
- Verification and updating of topographic information
- Calibration and validation of instruments, error models, and strip adjustment
- Point cloud registration, including practical evaluations
- Data fusion (integration of optical imagery, pulse reflectance, multi-pulse data, SAR data, map information, airborne and terrestrial recorded point clouds)
- Applications (flood prediction, coastal mapping, urban planning, telecommunications planning, forestry, monitoring of power lines, noise and gas propagation, tax verification, real estate sales, architecture, cultural heritage ...)
- Management of huge laser scanner datasets

Papers will be selected on the bases of a double-blind review process of full papers. You are invited to submit your paper by e-mail to Claus Brenner: ([claus.brenner@ikg.uni-hannover.de](mailto:claus.brenner@ikg.uni-hannover.de)).

### Important Dates

Submission of full papers: April 15, 2005

Notification of acceptance: June 1, 2005

Submission of camera ready papers: July 1, 2005

Early registration deadline: July 15, 2005

Further information can be found on <http://www.itc.nl/isprswgIII-3/laserscanning2005/>.



## ISPRS Awards & Honors

By John Trinder, 1st Vice President 2004-2008

Pursuant to its aims of developing and advancing international cooperation in the Photogrammetry, Remote Sensing and Spatial Information Sciences, the International Society for Photogrammetry and Remote Sensing recognizes individual accomplishments through the sponsorship of awards and honours which are granted at each quadrennial ISPRS Congress. Nominations for deserving candidates for awards to be presented at the 2008 Congress in Beijing China, are welcome and may be made by individuals or organizations at any time, but before the deadlines given below. Each nomination must be in written form (e-mail is acceptable) and submitted to the ISPRS Council member referred to below. The following is a brief summary of all awards and honours granted by ISPRS. (Year of initial presentation of each award or honor is denoted in parentheses.) The terms of reference for the awards listed with a \* are provided on the ISPRS home page [www.isprs.org/documents/awards.html](http://www.isprs.org/documents/awards.html) and published in the Silver Book: ISPRS Organisation and Programmes.

An *ISPRS Honorary Member (1926)* is elected by the Society in recognition of distinguished services to the ISPRS and its aims. According to the Statutes and Bylaws, there may not be more than seven living Honorary Members of the Society at any given time. Honorary Members have the right to attend meetings of the Society and shall not be called upon to pay registration fees at functions sponsored in the name of ISPRS. Lawrence W. Fritz (USA) was elected in 2004.

\**The Brock Gold Medal Award (1956)*, sponsored by the American Society for Photogrammetry and Remote Sensing, is presented for an outstanding landmark contribution to the evolution of photogrammetric theory, instrumentation, or practice. The award consists of a gold medallion. Ordinary Members of ISPRS are encouraged to nominate candidates for the Award. Nominations must be signed by two individuals of different nationality and also different from the candidate. Nominations should be sent to Secretary General Altan by 1st October 2007. Awarded in 2004 to K. Kasturirangan (India).

\**The Otto von Gruber Award (1964)*, sponsored by the ITC Foundation, is presented to a young (less than 40 years) sole author of a paper of outstanding merit on photogrammetry, photointerpretation or remote sensing and written in the four year period preceding the Congress. The Award consists of a medal and a monetary grant. Applications may be self nominated and must include three copies of the paper sent to President Dowman by 1st January 2008. Awarded in 2004 to Stefan Heuel (Switzerland).

\**The U.V. Helava Award (2000)*, sponsored by Elsevier Science bv and Leica Geosystems, LLC, consists of a grand prize of SFr. 10,000 and a silver plaque presented to the author(s) of the most outstanding paper published exclusively in the *ISPRS international Journal of Photogrammetry and Remote Sensing* during the four years preceding the Congress and three runner up prizes of a Journal subscription and certificate presented to the author(s) of the best paper published in each of the other three years. Grand prize awarded in 2004 to Changno Lee (South Korea) and James S. Bethel (USA).

\**The Gino Cassinis Award (2000)*, sponsored by the Italian Society for Surveying and Photogrammetry (SIFET) is presented to a person who has significantly enhanced the mathematical and statistical foundations of the photogrammetry, remote sensing or spatial information sciences in the four years preceding the Congress. The award consists of SFr 2,500 and a certificate. Nominations should be submitted to President Dowman by 1st January 2008. Awarded in 2004 to Sherman S. C. Wu (USA).

\**The Eduard Dolezal Award (1996)*, sponsored by the Austrian Society for Surveying and Geoinformation, is a limited travel and expense grant to assist individuals or representatives of institutions, from developing or reform countries, to participate in the ISPRS Congress. Candidates are those who have permanently implemented a practical application of photogrammetry, remote sensing or GIS in an efficient manner or which documents their outstanding success in support of these fields. Applications may be self nominated and should be submitted to Secretary General Altan by 1st January 2008. Awarded in 2004 to Jiang Jie (China).

\**The Schwidewsky Medal (1988)*, sponsored by the German Society for Photogrammetry and Remote Sensing, is presented to persons who have made significant contributions to photogrammetry and remote sensing, either through the medium of publication as author or editor, or in another form. The award consists of a medal manufactured in porcelain and a certificate. Nominations for the Medal should be sent to President Dowman by 1st January 2008. Awarded in 2004 to Emmanuel Baltsavias (Switzerland) and Zhilin Li (Hong Kong).

\**The Willem Schermerhorn Award (1988)*, sponsored by Geo-Information Netherlands, is presented to a person who has most significantly contributed to the activities of a Working Group of the ISPRS during the four year Congress period. The award consists of a certificate. Nominations for the Award should be sent to President Dowman by 1st January 2008. Awarded in 2004 to Marguerite Madden (USA).

\**The Samuel Gamble Award (1988)*, sponsored by the Canadian Institute of Geomatics, is presented to up to three individuals who have contributed significantly to the development, organization or professional activities of photogrammetry and/or remote sensing, at the national or international level. The award consists of a certificate. Nominations should be sent to Secretary General Altan by 1st January 2008. Awarded in 2004 to Haggai Nyaplola (Kenya), Ray Harris (UK) and Victor Savinyk (Russia).

\* *The Wang Zhizhuo Award*, which will be awarded for the first time in 2008, is sponsored by the Chinese Society of Geodesy, Photogrammetry and Cartography (CSGPC). It will be granted at each quadrennial ISPRS Congress to a person who has made significant achievement or innovation in the spatial information sciences. It consists of a medal and a monetary grant (SwF 2,500). Nominations for the Award should be sent to President Dowman by 1st January 2008.

\**The President's Honorary Citation (1988)*, is a certificate of recognition presented by the President of ISPRS to a chairperson, co-chairperson or member of a working group of each ISPRS Technical Commission. The citation is to recognize special, personal and meritorious contributions to the operation of the relevant Technical Commission's activities and advancement of its interests, during the quadrennial term of the Society. Nominations should be made by the Technical Commission Presidents to President Dowman by 1st March 2008.

The *ISPRS Prizes for Best Papers by Young Authors*, are sponsored by donor organizations and by ISPRS to authors who are less than 35 years old and are the sole author of a high quality paper presented to the Congress. Each prize consists of a certificate and a SFr. 2,500 grant to make it possible for the winner to participate in the Congress. To be eligible, young authors must submit their paper to Congress Director Chen Jun by 31st January 2008.

At the Congress, a total of 16 *Best Poster Papers Awards (1988)* are sponsored by ISPRS. A jury for each of the eight ISPRS Commissions observes the poster presentations and selects the two best Poster Papers from the Commission. The award consists of a gift and certificate from the Congress Director.

Also at the Congress, *The CATCON Prizes (1996)*, a software Computer Assisted Teaching Contest, is organized by ISPRS Technical Commission VI and sponsored by donor companies. The main objective of the contest is to promote the development and dissemination of good/user-friendly software packages, www contents and data sets for computer assisted teaching, which preferably are non-commercial and free. Typically the prizes consist of a Gold Award (SFr. 3,000), Silver Award (SFr. 2,500), and Bronze Award (SFr. 1,500) and a certificate.

## **Joint Workshop of ISPRS and DAGM on 'Object Extraction for 3D City Models, Road Databases and Traffic Monitoring - Concepts, Algorithms, and Evaluation' (CMRT05)**

### **First Announcement and Call for Papers**

Time and location: August 29-30, 2005, Vienna University of Technology, Austria

*Organised by:*

- ISPRS WG III/4 'Automatic image interpretation for city modeling'
- ISPRS WG III/5 'Road extraction and traffic monitoring'
- Institute of Photogrammetry and Remote Sensing, Vienna University of Technology

*Workshop topics:*

- Building and road extraction from aerial and spaceborne images
- Building and road extraction from LIDAR and SAR

- Updating of existing 3D city models and road data bases
- Detection and velocity estimation of vehicles from remote sensing data
- Methods for micro- and macro-scale traffic monitoring
- Detection and modelling of vegetation classes and single trees
- Level-of-detail modelling of topographic objects
- Data fusion for automatic object extraction
- Integration of terrestrial images and laserscanner data for city modelling
- Quality assessment of automatically extracted topographic objects

Deadline for the submission of full papers for double-blind peer review is April 15, 2005.  
For further information see the WWW site: <http://www.gmat.unsw.edu.au/wgiii4/ws05>

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## The Eduard Dolezal Award

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The Eduard Dolezal Award is donated by the Austrian Society for Surveying and Geoinformation to assist individuals or representatives of institutions from developing or reform countries to participate in the ISPRS Congress. The winner this year was Dr. Jiang Jie (China).

*Dr. Jiang Jie* is a senior engineer in National Geomatics Center of China (NGCC). She worked as a GIS specialist in the Municipal Urban Planning and Management Information Center of Changzhou from 1989 and became the Center's deputy director in 1996. She joined NGCC in

1999 and is now the vice director of the Thematic Application Division in NGCC.

She has made significant contributions to the geo-spatial information sciences through research and development of operational GIS applications, through the medium of publication as an author and through ISPRS related activities. She served as the Secretary of ISPRS WG IV/3 from 1998-2000 and as the Scientific Secretary of ISPRS Commission I from 2000-2004.

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## The Samuel Gamble Award

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The Samuel Gamble Award is sponsored by the Canadian Institute of Geomatics in honour of Dr. Samuel G. Gamble, former president of ISPRS and Director of the 1972 Congress. A recipient of the award is to be a person who, like Dr. Gamble, has contributed significantly to the development, organization or professional activities of the photogrammetry, remote sensing and spatial information sciences, at the national or international level. The winners of the award are Ray Harris (UK), Haggai Nyapola (Kenya) and Victor Savinykh (Russia).

**Ray Harris** was Secretary of ISPRS Commission I, 1996 – 2000 and has chaired the ISPRS International Policy Advisory Committee (IPAC) from 1999-present. He is member of the international Council for Science (ICSU) assessment panel on data and information 2003 – 2004, representing ISPRS. He has been a member of the editorial board of the journal *Space Policy* from 2000 to present., Professor of Remote Sensing, University College, London. He is author of four books on remote sensing, the first being 'Satellite Remote Sensing: an introduction' which sold in 5 countries; the last was published in September this year and is entitled 'Global Monitoring: the challenges of access to data'. He has recently been closely involved with the European initiative on Global Monitoring for Environment and Security (GMES)

**Haggai Nyapola** is a member of the institution of Surveyors of Kenya, Licensed Surveyor Kenya and Certified Land Surveyor in East Africa. He has been employed as Staff Surveyor in the Department of Surveys Kenya and in November 1999 was appointed by the Public Service Commission of Kenya to the post of Director of Surveys. He is Chairman, Land Surveyors Board of Kenya, Chairman, East African Land Survey Examination Board, Member, International Steering Committee for Global Mapping (ISCGM) with Secretariat in Japan and Technical Member, Regional Centre for Mapping for Resources Develop-

ment. He heads the National Surveying and Mapping Agency and the national representative to ICA from November 1999 to day. He currently chairs the UN-CODI GEO Working Group.

**Victor Savinykh** is professor of MIIGAIK, Moscow, Russia and Doctor of Technical Sciences. He has been Rector of MIIGAIK for 15 years, the second longest term of any Rector of MIIGAIK during its long history of 225 years and he had maintained the high standing of MIIGAIK during this term. He is author of three university textbooks on Remote Sensing Equipment, Aerospace Photography and Geoinformation Analysis of Remote Sensing Data as well as 128 scientific papers and eleven monographs. In 1978 was enrolled into Soviet team of Cosmonauts and participated in three missions in 1981, 1985 and 1988. He is President of the Association of Russian Institutions of Higher Education, Member of International Academy of Astronautics and twice hero of the Soviet Union. Victor Savinykh has had been an outstanding leader of the profession in Russia.

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