

ISPRS

2004

ISPRS AWARDS 2004

ISPRS Honorary Member

The Brock Gold Medal

The Otto von Gruber Award

The U.V. Helava Award

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The Gino Cassinis Award

The Eduard Dolezal Award

The Schwidefsky Medal

The Willem Schermerhorn Award

The Samuel Gamble Award

President's Citations

ISPRS Award Winners

ISPRS Congress Istanbul Awards

- Young Authors Awards
- The CATCON Award
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ISPRS AWARDS 2004

ISPRS Honorary Member - Lawrence W. Fritz (USA)

Lawrence Fritz has served with distinction in ISPRS since his early involvement in 1968. More recently he has spent 16 years on the Council, in the positions of Congress Director, Secretary General, President and First Vice President.

The Brock Gold Medal - Krishnaswamy Kasturirangan (India)

Dr Kasturirangan has been instrumental in developing a strategic direction of Indian space endeavors for the future. These efforts have put India as a pre-eminent space-faring nation among the handful of countries that have major space programmes.

The Otto von Gruber Award - Stephan Heuel (Switzerland) - work entitled "Uncertain Projective Geometry - Statistical Reasoning for Polyhedral Object Reconstruction".

Dr Heuel successfully developed a unified approach for projective geometry and statistics by integrating the concepts of computer vision and photogrammetry.

The U.V. Helava Award - Changno Lee (South Korea) and James S. Bethel (USA) - paper entitled "Extraction, modeling, and use of linear features for restitution of airborne hyper spectral imagery".

The clearly written, instructive and informative paper deals with the semi-automated line extraction incorporating the orientation process for linear array CCD sensors, an important and very relevant topic considering the current development of digital aerial cameras.

The Gino Cassinis Award - Sherman S. C. Wu (USA)

Sherman Wu was the first person to complete the topographic mapping of the entire planet of Mars. He is also developing a real-time photogrammetric mapping systems based on LiDAR and IFSAR and digital photogrammetry.

The Eduard Dolezal Award - Jiang Jie (China)

Dr Jie has made significant contributions to the geospatial information sciences through research and development of operational GIS applications, as an author, and through the ISPRS related activities.

The Schwedfsky Medal - Emmanuel Baltsavias (Switzerland) and Zhilin Li (Hong Kong)

Emmanuel Baltsavias has made significant contributions to ISPRS as editor of the ISPRS Journal of Photogrammetry and Remote Sensing, by raising the scientific standing of the Journal to among the best worldwide. Zhilin Li has made significant contributions to photogrammetry, remote sensing and geospatial sciences through original research, and the medium of publication as editor and author.

The Willem Schermerhorn Award - Marguerite Madden

In recognition of her excellence performance as Chair of ISPRS working group IV/6: Landscape Modelling and Visualization.

The Samuel Gamble Award - Ray Harris (UK), Haggai Nyapola (Kenya) and Victor Savinykh (Russia)

Ray Harris has made a major contribution as chair of the ISPRS International Policy Advisory Committee (IPAC) and has written extensively on the challenges of access to data.

Haggai Nyapola has served the profession in Africa with distinction in various roles, and has represented the region in international forums.

Victor Savinykh has had been an outstanding leader of the profession in Russia as Rector of MIIGAiK in Moscow, for 15 years, author of three University textbooks and cosmonaut for three space missions.

President's Citations

Commission I - Karsten Jacobsen (Germany), Chair ISPRS WG I/5: *Platform and Sensor Integration*.

For outstanding leadership, scientific and technical contributions, and participation in Commission I programs throughout the 2000-2004 period.

Commission II - Christian Heipke (Germany), Chair of ISPRS WG II/8: *Digital Systems for Image Analysis*.

For significant contributions to the WG through the organization of meetings, collaboration with other organizations and a special issue of the ISPRS Journal of Photogrammetry and Remote Sensing.

Commission III - Helmut Mayer (Germany) Chair WG III/4: *Automated Object Extraction*.

He has been an exemplary WG Chair and totally devoted to ISPRS affairs.

**Commission IV - Monika Sester (Germany), Chair
WG IV/3: Data Generalization and Data Mining.**

In recognition of her significant contributions to the operations and advancements of Commission IV.

**Commission V - Gabriele Fangi (Italy) Co-Chair
WG V/4: Image Analysis and Spatial Information
Systems for Applications in Cultural Heritage.**

In recognition of his significant contributions to the operations and advancements of Commission V through his work as Co-Chair of WG V/4.

**Commission VI - Manos Baltasvias (Switzerland)
Chair WG VI/1: Education and Training**

For the development of a comprehensive web page on available education and training courses, and the organization of an excellent scientific meeting in Africa.

**Commission VII Karl Staenz (Canada), Chair WG
VII/1: Fundamental Physics and Modelling.**

In recognition of his significant contributions to ISPRS Commission VII activities from 2000-2004.

ISPRS AWARD WINNERS

Brock Gold Medal (founded 1952)

1956	L Bertele (Switzerland)
1960	W. Schermerhorn (The Netherlands)
1968	H. Schmidt (USA)
1972	U.V. Helava (Canada)
1976	F. Ackermann (Germany)
1980	G. Hobrough (Canada)
1984	F.J. Doyle (USA)
1988	D. Brown (USA)
1992	G. Brachet (France)
1996	Y.S. Tjuflin (Russia)
2000	J. Dangermond (USA)
2004	Krishnaswamy Kasturirangan (India)

Otto von Gruber Award (founded 1960)

1964	F. Ackermann (Germany)
1968	E. Ebner (Germany)
1972	J. Hohle (Germany)
1976	F. Leberl (Austria)
1980	A. Grun (Switzerland))
1988	P. Curran (Great Britain)
1992	C. Heipke (Germany)
1996	H-G Maas (Switzerland)
2000	H. Mayer (Germany) M.G. Vosselman (The Netherlands)
2004	Stephan Heuel (Switzerland)

Samuel Gamble Award (founded 1988)

1988	O. Coker (Nigeria) B.A. Sikilo (Kenya) A.J. van der Weele (The Netherlands)
1992	M. Carbonnell (France) G. Hildebrandt (Germany) S. Vibulsresth (Thailand)
1996	P. Waldhausl (Austria) M.A. Figueroa (Chile)
2000	A. Abiodun (Germany) B. Foster (Australia)
2004	Ray Harris (UK), Haggai Nyapola (Kenya) Victor Savinykh (Russia)

Schwedfsky Medal (founded 1988)

1988	K. Rinner (Austria) G.C. Tewinkel (USA)
1992	K. Atkinson (Great Britain) W. Hofman (Germany)
1996	J.B. Case (USA) A.P. Cracknell (United Kingdom)
2000	G. Ducher (France) L.R.A. Narayan (India)
2004	Emmanuel Baltasvias (Switzerland) Zhilin Li (Hong Kong)

Schermerhorn Award (founded 1988)

1988	G. Guyot (France)
1992	I. Dowman (United Kingdom)
1996	D.M. McKeown (USA)
2000	T. Woldai (The Netherlands)
2004	Marguerite Madden (USA)

The Gino Cassinis Award (founded 1997)

2000	W. Forstner (Germany)
2004	Sherman S. C.Wu (USA)

The Helava Award (founded 1998)

2000	M. Sinning-Meister (Germany) A. Grun (Switzerland) H. Dan (Switzerland)
2004	Changno Lee (South Korea) James S. Bethel (USA)

The President's Honorary Citations

2000	K. Jacobsen (Germany) C. Heipke (Germany) B. Csatho (USA) E. Baltasvias (Switzerland) S. El-Hakim (Canada) T.M. Sausen (Brazil)
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2004 A. Rosenqvist (Italy)
 Karsten Jacobsen (Germany)
 Christian Heipke (Germany)
 Helmut Mayer (Germany)
 Monika Sester (Germany)
 Gabriele Fangi (Italy)
 Manos Baltsavias
 (Switzerland)
 Karl Staenz (Canada)

Axel Wendt (Germany)
 Tinghua Ai (China)
 Andrea Forberg (Germany)
 Camillo Ressler (Austria)
 Derek D. Lichti (Australia)
 Michele Crosetto (Spain)

Honorable Mentions for Distinguished Members of Technical Commissions

1996 P. Patias (Greece)
 J. Labonte (Canada)
 I. Colomina (Spain)
 R. Tateishi (Japan)
 M. Shortis (Australia)
 K. Cho (Japan)
 G. Guyot (France)

CATCON Awards

1996 Gold J. Hohle (Denmark)
 Silver N.D. Duong (Vietnam)
 Bronze G. Jianya (China)
 RADARSAT International (Canada)
 2000 Gold P. Grussenmeyer (France)
 P. Drap (France)
 Silver Qiming Zhou (China)
 J. Hohle (Denmark)
 2004 Gold Jonathan Haig (Germany)
 Silver Matthias Fluehler (Switzerland)
 Bronze Shashkant Sharma (India)

Young Authors Awards

1996 X. Yuan (China)
 N. El-Sheimy (Canada)
 W. Cho (USA)
 R.E. Fayek (Canada)
 J.A. Shufelt (USA)
 C. Pohl (The Netherlands)
 Y. Zhou (USA)
 G. Danuser (Switzerland)
 C. Tao (Canada)
 X. Yang (USA)
 2000 B. Ameri (Germany)
 A. Brunn (Germany)
 M. Honikel (Switzerland)
 J. Li (Canada)
 S. Priya (Japan)
 J. Schiewe (Germany)
 G. Zalmanson (USA)
 2004 Devrim Akca (Switzerland)
 P.-H. Hsu (China Taipei)

Eduard Dolezal Awards

1996 O. Ayeni (Nigeria)
 F. Batuk (Turkey)
 A. Bujakiewicz (Poland)
 G. Coskun (Turkey)
 M.. Dalati (Syria)
 M. Ebrahim (Egypt)
 J. Gong (China)
 S. Jayatilaka (Sri Lanka)
 R. Kaczynski (Poland)
 A. Kirsanov (Russia)
 M. Koudmani (Syria)
 S. Mayabu (Zaire)
 L. Narayan (India)
 N. Ononiwu (Nigeria)
 C. Robbi (Brazil)
 J. Ru (China)
 M. Saandar (Mongolia)
 N. Shahriari (Iran)
 P. Sharma (India)
 B. Shrestha (Nepal)
 V. Sokolova (Russia)
 K. Sukup (Czech Rep.)
 M. Talbi (Tunisia)
 A. Tommaselli (Brazil)
 V. Vainauskas (Lithuania)
 R. Zhang (China)
 Ethiopian Mapping Authority, Addis Ababa
 (Ethiopia)
 Institut Agronomique et Veterinaire Hassan II,
 Rabat,
 (Morocco)
 Romanian Society for Photogrammetry and
 Remote
 Sensing, Bucharest (Romania)
 University of Mining & Metallurgy, Krakow
 (Poland)
 2004 Dr Jiang Jie (China)

The U.V. Helava Award; established in 1998

2000 Martina Sinning-Meister
 (Switzerland)
 Armin Grun (Switzerland)
 Hanbin Dan (Switzerland)
 2004 Changno Lee (South Korea)
 James S. Bethel (USA)

ISPRS CONGRESS ISTANBUL AWARDS

I. Young Authors Awards

Devrim Akca	Switzerland	ETH-Zurich	A New Algorithm For 3D Surface Matching
P.-H. Hsu	China Taipei	National S&T Center For Disaster Reduction	Feature Extraction Of Hyperspectral Images Using Matching Pursuit
Axel Wendt	Germany	University Of Applied Sciences Oldenburg, Institute Of Applied Photogrammetry and Geoinf.	On The Automation Of The Registration Of Point Clouds Using The Metropolis Algorithm
Tinghua Ai	China	Wuhan University, Cartography and GIS	A Generalization Of Contour Line Based On The Extraction And Analysis Of Drainage System
Andrea Forberg	Germany	Univeristaet Der Bundeswehr Muenchen, Institut Fur Photogrammetrie Und Fernerkung, 85577, Neu-biberg, Germany	Generalization Of 3d Building Data Based On A Scale Space Approach
Camillo Ressel	Austria	TU Vienna, Institute Of Photogrammetry and Remote Sensing	Experimental Results On The Determination Of The Trifocal Tensor Using Nearly Coplanar Point Correspondences
Derek D. Lichti	Australia	Curtin University Of Technology, Spatial Sciences	A Resolution Measure For Terrestrial Laser Scanners
Michele Crosetto	Spain	Institut De Geomatica	Deformation Measurement Using Interferometric SAR Data

2. The CATCON Award

- Gold Prize to Jonathan Haig of The University of Hannover, Germany
- Silver Prize to Matthias Fluehler of ETH Zurich, Switzerland
- Bronze Prize to Shashkant Sharma of Bhaskaracharya Institute for Space Applications and Geoinformatics of India

3. Best Poster Awards

- H. Raggam and K.H. Gutjahr: Accuracy Analysis and Surface Mapping Using SPOT-5 Stereo Data
- C.H.Liu: Fast Georeferencing Images Through a Generalized Photogrammetric Algorithm
- S. N. Mahapatra.V. K. Mahindru.A. K. Swain, A. Upadhyaya: Updation and Positional Accuracy Improvement of Geo Spatial Data-Innovations at Kampsax India Private Limited
- A. Habib, R. Al-Ruzouq: Automatic Registration and Change Detection of Multi-Source Imagery with Varying Geometric and Radiometric Properties

- A. Hincq, M. Idrissa, V. Lacroix, H. Bruynseels, O. Swartenbroekx: A Visibility Test on SPOT5 Images
- M. F. Buchroithner, O. Waelder, B. Koenig, T. Gruendemann, G. Neukum, K. Habermann: True-3D Visualization of the Martian Surface Based on Lenticular Foil Technology Using HRSC Imagery,
- N. Watanabe: A Study on Tempo-Spatial Change of Interaction Between the Human Activity and Paleo Environment in Jomon Period, Japan
- D. Winterhalder: Automatic Reconstruction of Single Trees from Terrestrial Laser Scanner Data
- S. Phem, K. Grabmaier: Refresher Course on Digital Photogrammetry
- C. Katterfeld, M. Sester: Desktop Virtual Reality in E Learning Environments,
- R. Khedam, A. Belhadj-Aissa: Contextual Classification of Remotely Sensed Data Using Map Approach
- Y. Imai, M. Setojima. Y. Yamagishi, N. Fujiwara: Tree-Height Measuring Characteristics of Urban Forests by LIDAR

4. Youth Forum Best Papers Awards

- L. Trevis, N. El-Sheimy; The Development of a Real- Time Forest Fire Monitoring and Management System
- V. Kurgun, E. Erten, N. Musaoglu: Forest Fire Risk Mapping from Satellite Imagery and GIS a Case Study

5. Youth Forum Best Poster Awards

- T. Saegusa, H. Chikatsu: 3D Modeling and Representation of -Ideal City- Painted by Piero Delia Francesca
- S. Siachalou: Urban Orthoimage Analysis Generated from Ikonos Data
- A. Akkartal, F. S. Erbek: Analysis of Changes in Vegetation Biomass Using Multitemporal LandsatTM



Prof. P. Patias congratulating Derek D. Lichti of Australia recipient of Young Authors Award