Symposia and Meetings

EARSeL Symposium and Workshop
Symposium: Observing our Environment from Space: New Solutions for a New Millennium, 14 to 17 May 2001

Workshop: Forest Fires Monitoring and Management, 18-19 May 2001

Hosted by: Société Française de Photogrammetre et de Télédétection (SFPT) l’Institut Géographique National (IGN) and l’Ecole National des Sciences Géographiques (ENSG).

The Symposium
Papers are welcome related to the general theme of the symposium and we encourage presentations on:
- International environmental programmes
- Land applications; global and local environmental monitoring
- Water (marine waters, inland waters and coastal zones)
- Sea ice
- Land ice and snow
- Atmosphere and global change
- Hydrology
- Operational use of remotely sensed data
- Renewable resources
- Data calibration, pre-processing and validation
- Sensors under development

Call for Papers for Symposium and Workshop
Papers will be presented orally and by poster. Authors who prefer a poster presentation should notify the organisers. An abstract of approximately 500 words (one A4 page) should be forwarded by 1 November 2000 to:
EARSeL Secretariat
Attn: Mrs. M. Godefroy
2 avenue Rapp
F-75340 Paris Cedex 07
FRANCE
Tel: +33-1-45 56 73 60
Fax: +33-1-45 56 73 61
E-mail: earsel@meteo.fr
http://www.earsel.org

Time Table
- Abstracts received: 1 November 2000
- Authors notified and instructions: 15 December 2000
- Preliminary programme: end February 2001
- Deadline for full papers at conference: at conference

Digital Earth Moving 2001 (DEM2001)
1st International Symposium
Manno (Lugano), Switzerland, 5-7 September 2001

FIRST CALL FOR SUBMISSIONS

Overview
Changing the geometry of the earth's surface is a universally specified need across disciplines and throughout history. The technological era has seen rapid emergence of digital tools for performing grading tasks virtually. All approaches weigh the concerns:
- Geometric manipulation - editing 3D geometric surfaces,
- Visualisation - seeing a 3D image or model, and
- Accuracy - correct and reliable quantitatively correct information.

The Symposium seeks to gather key representatives from commercial, academic, public and private sectors who are driving the use and development of these new capabilities. The latest commercial software, hardware, research innovations, and user requirements will be prime topics featured and open for discussion and scholarly debate.

Important dates
- Full papers, posters, and product applications due: 31 January 2001
5-7 September 2001
- Symposium Dates (Demos and Workshop).

**Sponsoring organisations**
- The CIM Institute for Applied Computer Science and Industrial Technology (CIMSI) at the University for Applied Science of Southern Switzerland (SUPSI).
- Swiss Computer Graphics Association (SCGA).
- Inter-University Partnership for Earth Observation and Geoinformatics (IPEG).
- Geographic Information Systems Division, Department of Geography, University of Zürich (GIUZ).
- University of Applied Sciences Rapperswil (HSR)

**Keynote speakers**
(1) "Designed Landforms"
Dr. Stephen M. Ervin
Director of Computer Resources
Assistant Dean for Information Technology
Lecturer in Landscape Architecture
Harvard Design School (aka GSD)
Harvard University, Cambridge, Massachusetts, USA
(2) "Zürich Airport Extension Project: Digital Support for Earthwork Construction"
Mr. Albert Brunner
Project Director
Zürich Airport Extension Project
(Zürich Flughafen Aufbau)
Unique Airport, Inc. (Flughafen Zürich AG)
Zürich International Airport, Switzerland

**Contact information & venue**
DEM2001
ICIMSI-SUPSI
Galleria 2
6928 Manno
Switzerland
Telephone: 41 91 610 8980
Fax: 41 91 610 8970
E-mail: dem2001@cimsi.cim.ch
WWW: http://www.cimsi.cim.ch/dem2001
Contact Person: Caroline Westort (cwestort@cimsi.cim.ch)

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**International Cartographic Association (ICA) Commission on Map Generalisation**

**Call for Participation**

**Fourth Workshop on Progress in Automated Map Generalisation**

**Hong Kong, 2-4 August 2001**

Following the success of the preceding workshops held in Barcelona (1995), Gävle (1997) and Ottawa (1999), the ICA Commission on Map Generalisation (CMG), in collaboration with other sponsors, is organising its fourth workshop immediately preceding the 20th International Cartographic Conference in Beijing 2001 (ICC 2001). Much like its predecessors, the workshop is intended to be a focused progress seminar for specialists in map generalisation including, but not restricted to, the affiliates of the CMG.

**Dates and venue**
The workshop will be held shoulder to shoulder with the 20th International Cartographic Conference in Beijing. During three successive days -- on 2-4 August 2001 -- we will be meeting at Hong Kong Polytechnic University, Department of Land Surveying and Geo-Informatics. State of the art computing and audiovisual equipment will be available to support presentations and software demonstrations.

**Link to ICC 2001**
This workshop functions as a pre-conference event to the 20th International Cartographic Conference 2001 (ICC 2001) in Beijing, to be held on 6-10 August 2000. The one-day gap between the two events should allow those wishing to participate in the ICC to travel to Beijing.


**Cost**
Workshop participation is free of charge.

**Inquiries and paper submissions**
Robert Weibel, Department of Geography, University of Zurich, Winterthurerstrasse 190, CH-8057 Zurich (Switzerland)
E-mail: weibel@geo.unizh.ch

**Deadlines and dates**
31 January 2001 Deadline for submission of working papers
28 February 2001 Notification of acceptance; preliminary workshop programme; additional workshop information
31 May 2001 Revised working papers due, uploaded to Commission web site
2-4 August 2001 Fourth Workshop on Progress in Automated Map Generalisation, Hong Kong
6-10 August 2001 20th International Cartographic Conference, Beijing
Report on the MARISY 2000 Symposium  
Rabat, Morocco, October 26-27, 2000  
By Gérard Begni and Costas Armenakis

The MARISY 2000 (Middle East and Africa International Remote Sensing Symposium 2000) was held in Rabat, Morocco between 26-27 October 2000. The theme of the symposium was "The new Era of Earth Observation and Geo-Information". The Symposium was organised by the Centre Royal de Télédétection Spatiale (CRTS) - the Moroccan Remote Sensing Agency. It consisted of invited presentations, poster session and exhibition. It attracted about 270 participants coming mainly from the region and from Europe.

The topics covered in the sessions and round table discussions were: the visions of the space agencies and the role of the Earth observation industry, very-high resolution images and geo-information development, UNISPACE III recommendations for Africa and Middle East region and cooperative actions, geo-information for sustainable land management, education and training, regional programs for environment protection and risk management, and space in the service of humanitarian operations. The posters presented regional applications.

ISPRS was sponsoring the event and participated with Gérard Begni, Second Vice-President, and Costas Armenakis, President of Commission IV.

Gérard Begni participated in the roundtable "Education and training", and encouraged participants to visit Commission's VI web-site and use the Directory about Training and Education opportunities in GIS and RS. He also co-chaired the session on "Regional programs for environmental protection and risks management". Under the MEDIAS-FRANCE "hat", he made a presentation on the Kyoto protocol and its potential impacts on sustainable development and was involved in a roundtable on "UNISPACE III recommendations in African and Middle East region".

Costas Armenakis made a presentation on "Monitoring landscape changes using imagery and existing spatial databases" in the Session "Geo-information for sustainable land management".

Some of the regional issues brought up by the audience were:
1) The audience felt that the price of remotely sensed data (imagery) is too high for the region.
2) Technology transfer and technology sustainability are critical factors
3) Training is in much need
4) There is a need for pilot projects.

Some of these conclusions are well in line with recommendations adopted by the ISPRS General Assembly in Amsterdam this year.

MARISY-2000 was a major and successful initiative for the African and Middle-East countries. Congratulations to CRTS for organising the event and many thanks to the Moroccan people for their worldwide known hospitality.

From Imagery to Geodata  
This event is scheduled for Thursday, 26 April 2001  
ASPRS Conference, St. Louis, MO, USA

Convenor: Dr. Raad A. Saleh, University of Wisconsin-Madison

Organised in collaboration with: ISPRS Commission-I: Sensors, Platforms, and Imagery* and ISPRS Inter-Commission (IC)III/IV: Automated Geospatial Data Production and Updating from Imagery*

10.00 - 11:30 Session I: Digital Image Acquisition  
Chair: Stanley Morain, University Of New Mexico, USA

Speaker 1: Overview of High Resolution Satellite Imagery

Speaker 2: Review of QuickBird-1/2 and OrbView-3/4 Products from MacDonald Dettwiler Processing Systems  
David Hargreaves and Brian Robertson, MacDonald Dettwiler and Associates, Canada

Speaker 3: Prospects and Challenges in Imaging and Alternative Sensing Systems for Surface Generation  
Raad A. Saleh, University of Wisconsin-Madison, USA
12:30 - 2:00 Session II: Sensor Calibration and Orientation
Chair: Michael S. Renslow, Spencer B. Gross, Inc., USA
Speaker 1: Overview of System Calibration
Karsten Jacobsen, University of Hanover, Germany
Speaker 2: Triangulation for the LH Systems' ADS40 Using ORIMA
Ludger Hinsken, Bruce A. Chaplin, Robert Uebbing, A. Stewart Walker, LH Systems, LLC, USA
Speaker 3: Overview of Airborne Sensor Orientation by INS/GPS
Qassim A. Abdullah, EarthData International of Maryland, LLC, USA

2:30 - 4:00 Session III: DTM Generation from Images and Alternative Sources
Chair: Karsten Jacobsen, University of Hanover, Germany
Speaker 1: LIDAR for DTM Generation - Operational Considerations
Wolfgang Schickler, Analytical Surveys, Inc., USA
Speaker 2: High Resolution Terrain Information (HRTI) Test Range
Michale A. O. Brian, NIMA, USA
Speaker 3: Error Models for Parallel Pass and Cross Mode Stereo SAR DEM Production
Carolyn Johnson, Vexcel, USA

4:00 - 5:30 Session IV: Developments in Geospatial Data Production
Chair: Christian Heipke, University of Hanover, Germany
Speaker 1: State of the Art in Softcopy Photogrammetric Systems
Raad A. Saleh, University of Wisconsin-Madison, USA
Speaker 2: System Development for Semi-Automatic Quality Control of Roads in a Geo-Database.
Felicitas Lang, University of Hanover, Germany
Speaker 3: Detection of Leafy Spurge Infestations via Imaging Spectroscopy using the Compact Airborne Spectrographic Imager (CASI)
Ralph Root, Karl Brown, USGS Center for Biological Informatics
Gerry Anderson, USDA Agricultural Research Service, Ray Kokaly, USGS Spectroscopy Laboratory, Steve Hager, National Park Service, Theodore Roosevelt National Park, USA

The Rolleiflex 6008 metric is a surveying camera designed to meet the changing needs of the busy professional. It comes with a wide range of back components and inter-changeable back walls, and can take a bulk film magazine or digital back.

With the Rollei d7 metric Rollei presents a solution in the mega pixel range.

RolleiMetric can deliver software solutions running under Windows for most photogrammetry assignments in research, development and manufacturing.

If you want to find out more, call us or visit our web site.

Rollei Fototechnic GmbH · Dep. RolleiMetric
P. O. Box 32 45 · D-38022 Braunschweig
Phone +49 5 31 / 6 80 02 22
Fax + 49 5 31 / 6 80 03 03
e-mail: info@rolleimetric.de
Internet: http://www.rolleimetric.de

RolleiMetric photogrammetry systems
The Intergeo of this year took place in Berlin, Germany, from 11th to 13th October. The fair had as its theme ‘Spatial Information for the 21st Century’. Compared to last year’s Intergeo in Hanover the event has grown substantially. The number of exhibitors increased by 46 per cent, to 368 stands from nine countries. The exhibition floor took up 16,000 square metres (8,000 nett). Over 15,000 visitors attended the exhibition and congress. All these factors contributed to making the fair an outstanding success. Trends and new products we observed were system integration and, for instance, an overwhelming number of ‘value-added’ resellers. The international image of the Intergeo was also noteworthy.

For the first time the Intergeo was organised in cooperation with the German organisations for geodesy (DVW), photogrammetry (DGPF) and cartography (DGFK). This combination proved a resounding success for a Geomatics event. As our editor Jan Loedeman stated in his November editorial ‘Geomatics = Surveying & Geodesy + Photogrammetry & Remote Sensing + Mapping & Cartography + GIS & ICT’. All these components were present at the Intergeo in Berlin.

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International
The ‘inter’ in the name Intergeo has two meanings: Interdisciplin-ary and International. The various disciplines making up the odd equation above overlap to an increasing extent and their technologies merge. This trend towards interdisciplinarity is a result of ICT and especially of the Internet. The Intergeo develops into an international event as more and more companies in the geomatics business enter international and global markets. In order to serve internationally-orientated companies and attendees the event should become a bi-lingual one: German-English.

System Integration
A lot of manufacturers nowadays offer complete surveying systems, mainly consisting of GPS in combination with a laser, a flux compass, but also specific sensors tuned to specific applications. These may be minuterised and handheld or in a backpack, as well as mounted on vehicles such as a quad or a surfboard catamaran. An emerging brand of integrated surveying systems are based on laser scanning both terrestrial and airborne. Key to these trends are mainstream developments in software, hardware and ICT. This was reflected, for instance, on Leica stand where as well as daughter company LH Systems (photo-grammetric systems) also a number of strategic partners had a presence: like ESRI (GIS), Cyra (laser scanning) and Applanix (IN S/GPS). Leica’s newest partner AED, a certified company for cadastral work in Germany, had a stand next to that of Leica.

Value-added Resellers
The many VARs were mainly local ones. Their products addressed service-providing related to geo-information in a very broad sense, not merely mapping for cadastre or building and construction. Also end-to-end solutions are becoming seen as a topic, which means that a complete package is offered from data acquisition and maintenance to the use of these data for a specific purpose.

Proceedings and Intergeo 2001
The proceedings of the presented papers are available on www.dvw.de. They will not become available in hardcopy. Next year the Intergeo will be organised in Cologne from 19th to 21st September. I look forward to an even more successful event.

Review

Intergeo 2000 Berlin
The International Geomatics Event
By Floris Siteur, Publication Director of GITC bv
## ISPRS Events Calendar

**1 December 2000 Version**

Note: ISPRS Sponsored Events are logo highlighted  
New entries and changes are bold highlighted  
For monthly updates - visit the ISPRS Web Page www.isprs.org/calendar.html

Send Updates to: Prof. Tuan-chih CHEN  
Fax: +886-2-2653-9148  
E-mail: profchen@ms13.hinet.net

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<th>P = Telephone</th>
<th>F = Facsimile</th>
<th>E = E-mail</th>
<th>tbr = to be resolved</th>
<th>WG = Working Group</th>
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### 2000

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<th>DATE</th>
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</table>
Prof. Iyyanki V Muralikrishna  
P: +91-40-339-7648  
E: iyyanki@icorg.org |
| 1-6 Dec 2000 | "Practical Applications in the Geospatial Information Sciences"      | www.isprs.org/provence/index.html | Providence, USA  
P: +1-301-493-0290/F: 493-0208  
E: meetings@isprs.org |
| 4-8 Dec 2000 | 21\textsuperscript{st} Asian Conference on Remote Sensing "ACRS 2000" | Taipei, TAIWAN    | Prof. Liang-Chien Chen  
P: +886-3-425-7232/F: 425-5535  
E: acrs2000@csrsr.ncu.edu.tw |
E: porsec@csnio.ren.nic.in |
E: Dvd.Goodfellow@virgin.net |

### 2001

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| 3-5 Jan 2001 | ISPRS Commission II, FG.C53 WG, IAG.WG SC4.1 "3\textsuperscript{*} International Symposium on Mobile Mapping Technology" | Cairo, EGYPT       | Prof. Ron Li (ISPRS)  
P: +1-614-292-6646/F: 292-2957  
E: li.282@osu.edu  
Dr. Naser El-Sheimy  
E: naser@ensu.ucalgary.ca |
| 6-11 Jan 2001 | IGeS Geoid School                                                         | Cairo, EGYPT        | Dr. Naser El-Sheimy  
E: naser@geomatics.ucalgary.ca |
| 8-10 Jan 2001 | 2\textsuperscript{*} International Conference on Land Management        | Danbury, UK         | P: +44-1245-233-351/F: 233-751  
E: richard.bullard@swcom.net |
| 8-12 Jan 2001 | CNES-ISPRS Colloquium on "Physical Measurements & Signatures in Remote Sensing" | Aussois, FRANCE    | Inez Burger  
E: iburger@colloquium.fr |
| 20-26 Jan 2001 | "Videometrics and Optical Methods for 3D Shape Measurements VII"          | San Jose, USA       | Assoc. Prof. Mark R. Shortis  
P: +61-3-8344-6401/F: 3-9347-2480  
E: M.Shortis@unimelb.edu.au |
E: misra@l.mit.edu |
| 4-8 Feb 2001 | "Environmental Solutions for Sustainability in the 21\textsuperscript{st} Century" - Exhibition and Conference | Abu Dhabi, U.Arab Emirates | P: +971-2-336-864/F: 332-393  
E: ge@emirates.net.ae |
| 6-9 Feb 2001 | Airborne Visible InfraRed Imaging Spectrometer (AVIRIS) 2001 Workshop     | Pasadena, USA       | NASA/JPL  
P: av_tech@makalu.jpl.nasa.gov |
| 13-15 Feb 2001 | Org. of Islamic Capitals & Cities (OICC) Conference on "GIS Applications in Planning & Sustainable Development" | Cairo, EGYPT        | P: +9662-6981-953/F: 6981-053  
E: oicorg@koc.net.sa |
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<td>18-24 Feb 2001</td>
<td>Internationale Geodätische Woche</td>
<td>Obergurgl, AUSTRIA</td>
<td>P: +43-512-507-6757/F: 507-2910 E: <a href="mailto:geodaetischwoche@uibk.ac.at">geodaetischwoche@uibk.ac.at</a></td>
</tr>
<tr>
<td>21-23 Feb 2001</td>
<td>IAG Symposium on “Vertical Reference Systems”</td>
<td>Cartagena, COLOMBIA</td>
<td>E: <a href="mailto:alan.doodson@nottingham.ac.uk">alan.doodson@nottingham.ac.uk</a></td>
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<tr>
<td>26 Feb-1 Mar 2001</td>
<td>ISPRS Commission V, OPA &amp; ICOMOS International Workshop on Recreating the Past “Visualization and Animation of Cultural Heritage”</td>
<td>Ayutthaya, THAILAND</td>
<td>Prof. Petros Patias (Pres, Com V) P: +30-31-99-6116/F: 99-6128 E: <a href="mailto:patias@topo.auth.gr">patias@topo.auth.gr</a> Dr. Surat Lertium,AIT P: +66-2-524-6149/F: 524-6147 E: <a href="mailto:surat@ait.ac.th">surat@ait.ac.th</a></td>
</tr>
<tr>
<td>1-3 Mar 2001</td>
<td>OEEPE workshop on Airborne Laserscanning and Interferometric SAR for Detailed Digital Elevation Models <a href="http://www.geomatics.kth.se/~fotogram/OEEPE/oeepe_laser_main.htm">http://www.geomatics.kth.se/~fotogram/OEEPE/oeepe_laser_main.htm</a></td>
<td>Stockholm, SWEDEN</td>
<td>Kennert Torngård P: +46 8 790 73 43 E: <a href="mailto:ktd@geomatics.kth.se">ktd@geomatics.kth.se</a></td>
</tr>
<tr>
<td>4-10 Mar 2001</td>
<td>8º Encuentro de Geografos de America Latina <a href="http://www.cehu.com.ar/futuro/chile2001.htm">www.cehu.com.ar/futuro/chile2001.htm</a></td>
<td>Santiago, CHILE</td>
<td>Prof. Francisco Ferrando E: <a href="mailto:esgeoarq@abello.dic.uchile.cl">esgeoarq@abello.dic.uchile.cl</a></td>
</tr>
<tr>
<td>8-9 Mar 2001</td>
<td>AMRM/GIS Conference</td>
<td>Hyderabad, INDIA</td>
<td>P: +91-40-331-4141/F: 40-330-6770 E: <a href="mailto:sukuk@h1.vsnl.net.in">sukuk@h1.vsnl.net.in</a></td>
</tr>
<tr>
<td>12-14 Mar 2001</td>
<td>“CONSAS 2001 - Geomatics Steps into the 3rd Millenium” 12th Conference of Southern Africa Surveyors” <a href="http://www.plato.org.za/">www.plato.org.za/</a></td>
<td>Cape Town, SOUTH AFRICA</td>
<td>Brian Mellor E: <a href="mailto:bmellon@africa.com">bmellon@africa.com</a></td>
</tr>
<tr>
<td>27-30 Mar 2001</td>
<td>Large Lenses and Prisms <a href="http://lenses.osl.ucl.ac.uk/">http://lenses.osl.ucl.ac.uk/</a></td>
<td>London, UK</td>
<td>E: <a href="mailto:lenses@star.ucl.ac.uk">lenses@star.ucl.ac.uk</a></td>
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<tr>
<td>27 Mar-7 Apr 2001</td>
<td>Spring School in Quantitative Earth Observation <a href="http://www.climate-dynamics.rl.ac.uk/EOSchool.html">www.climate-dynamics.rl.ac.uk/EOSchool.html</a></td>
<td>Oxford, UK</td>
<td>F: +44-1235-445-848 E: <a href="mailto:S.Celland@arl.ac.uk">S.Celland@arl.ac.uk</a></td>
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<tr>
<td>2-6 Apr 2001</td>
<td>3rd IAA Symposium on “Small Satellites for Earth Observation” <a href="http://www.dlr.de/iaa.symp">www.dlr.de/iaa.symp</a></td>
<td>Berlin, GERMANY</td>
<td>P: +49-30-67055-545/F: 67055-532 E: <a href="mailto:iaa.symp@dlr.de">iaa.symp@dlr.de</a></td>
</tr>
<tr>
<td>21-26 Apr 2001</td>
<td>X Simpósio Brasileiro de Sensoriamento Remoto <a href="http://www.dsr.inpe.br/sbrsr2001">www.dsr.inpe.br/sbrsr2001</a></td>
<td>Foz do Iguacu, PR, Brazil</td>
<td>E: <a href="mailto:sbrs@fisic.inpe.br">sbrs@fisic.inpe.br</a></td>
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<tr>
<td>23-27 Apr 2001</td>
<td>ASPRS Annual Conference &quot;Gateway to the New Millennium” <a href="http://www.asprs.org">www.asprs.org</a></td>
<td>St. Louis, USA</td>
<td>P: +1-301-493-0290/F: 493-0208 E: <a href="mailto:meetings@asprs.org">meetings@asprs.org</a></td>
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<tr>
<td>24-27 Apr 2001</td>
<td>Permanent Committee on GIS Infrastructure for Asia &amp; the Pacific (PCGIAP) meeting</td>
<td>Tsukuba, JAPAN</td>
<td>P: +81-298-64-4514/F: 64-8087 E: <a href="mailto:tsuij@gsi-mc.go.jp">tsuij@gsi-mc.go.jp</a></td>
</tr>
<tr>
<td>6-11 May 2001</td>
<td>R.G. Working Week &amp; XXIV General Assembly</td>
<td>Seoul, KOREA</td>
<td>P: +82-335-35-0853 E: <a href="mailto:jukkim@kcsc.co.kr">jukkim@kcsc.co.kr</a></td>
</tr>
<tr>
<td>11-13 May 2001</td>
<td>Centenary of Federation Surveying &amp; Mapping Conference</td>
<td>Canberra, AUSTRALIA</td>
<td>P: +61-2-6257-3299</td>
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<td>21-25 May 2001</td>
<td>GSDI5 Conference on “Sustainable Development and Decision-making” 2nd Meeting of the Permanent Committee for the Americas - PCDEA GSDI Steering Committee Meeting</td>
<td>Cartagena, COLOMBIA</td>
<td>Mr Santiago Borrero E: <a href="mailto:sborrero@igac.gov.co">sborrero@igac.gov.co</a></td>
</tr>
<tr>
<td>23-25 May 2001</td>
<td>NEW Confirmed by Council 3rd International Workshop on Dynamic and Multi-dimensional GIS</td>
<td>Bangkok, THAILAND</td>
<td>Dr. Jie JIANG E: <a href="mailto:jie@nsdi.gov.cn">jie@nsdi.gov.cn</a> Dr. Xiaoyong CHEN E: <a href="mailto:xychen@ait.ac.th">xychen@ait.ac.th</a></td>
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<tr>
<td>18-20 Jun 2001</td>
<td>Intergraph GeoSpatial Users Community</td>
<td>Atlanta, USA</td>
<td>P: +31-23-5666-558/F: 5666-581 E:<a href="mailto:GeoSpatialUsersCommunity@intergraph.com">GeoSpatialUsersCommunity@intergraph.com</a></td>
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<tr>
<td>29 Jul-3 Aug 2001</td>
<td>SPIE’s 46th Annual Meeting &quot;Int’l Symposium on Optical Science &amp; Technology&quot;</td>
<td>San Diego, USA</td>
<td>P: +1-360-676-3290 E: <a href="mailto:membership@spie.org">membership@spie.org</a></td>
</tr>
<tr>
<td>2 Sep 2001</td>
<td>Annual Meeting of Joint Board of Spatial Information Societies (JESSS)</td>
<td>Budapest, HUNGARY</td>
<td>Dr. C.C. Tscherning - IAG Sec Gen E: <a href="mailto:cct@gyu.wu.dk">cct@gyu.wu.dk</a></td>
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<tr>
<td>2-8 Sep 2001</td>
<td>UPDATED International Association of Geodesy Scientific Assembly</td>
<td>Budapest, HUNGARY</td>
<td>P: +45-3532-0600/F: 3536-5357 E: <a href="mailto:iag@gyu.wu.dk">iag@gyu.wu.dk</a></td>
</tr>
<tr>
<td>18-21 Sep 2001</td>
<td>International Symposium of CIPA &quot;High Technology for Historical Monuments&quot;</td>
<td>Potsdam, GERMANY</td>
<td>Prof. Dr.-Ing. Joerg Albertz P: +49-30-3142-3331/F: 3142-1104 E: <a href="mailto:albertz@fik.tu-berlin.de">albertz@fik.tu-berlin.de</a></td>
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<tr>
<td>1-3 Oct 2001</td>
<td>NEW Confirmed by Council 5th Conference on Optical 3-D Measurement Techniques (Jointly sponsored by RG Commission V, ISPRS Commission V and IAG Section I - Special Commission 4)</td>
<td>Vienna, AUSTRIA</td>
<td>Prof. Dr. Herbert Kahrmen (RG Coll V) F: +49-1-58801-12995 E: <a href="mailto:h.kahrmen@bcp.tuwien.ac.at">h.kahrmen@bcp.tuwien.ac.at</a> Prof. Dr. Armin Grunen (ISPRS) P: +41-1-633-3038/F: 633-1101 E: <a href="mailto:agruen@geo.etzh.ch">agruen@geo.etzh.ch</a></td>
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<tr>
<td>1-5 Oct 2001</td>
<td>6th International Carbon Dioxide Conference</td>
<td>Sendai, JAPAN</td>
<td>P: +81-22-217-5792/F: 217-5797 E: <a href="mailto:secre@io2.geophys.tohoku.ac.jp">secre@io2.geophys.tohoku.ac.jp</a></td>
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<tr>
<td>tbr Nov 2001</td>
<td>15th CEOS Plenary</td>
<td>Kyoto, JAPAN</td>
<td>STA/NASDA</td>
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<tr>
<td>21-26 Apr 2002</td>
<td>XII RG Congress &amp; XV General Assembly</td>
<td>Washington, DC USA</td>
<td>Mary Clawson E: <a href="mailto:clawsonm@nima.mil">clawsonm@nima.mil</a></td>
</tr>
<tr>
<td>27-31 May 2002</td>
<td>NEW Symposium of Commission IV</td>
<td>Ottawa, CANADA</td>
<td>President: Dr. Costas Armenakis P: +1 613 992 4487 F: +1 613 995 4127 E: <a href="mailto:armenakis@hrcan.gc.ca">armenakis@hrcan.gc.ca</a></td>
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<tr>
<td>4-6 Jun 2002</td>
<td>22nd EARSeL Annual Symposium</td>
<td>Prague, CZECH REP.</td>
<td>P: +33-1-45-5-673-60 F: 45-56-73-51 E: <a href="mailto:EARSeL@meteo.fr">EARSeL@meteo.fr</a></td>
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