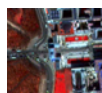


Berlin -

Metropolis of Science & Culture

The 1st EARSeL SIG URS workshop will be held at the Erwin-Schrödinger Centre in Berlin-Adlershof. The "City of Science, Technology and Media", as Berlin-Adlershof is also called, is Berlin's largest science and technology campus and its biggest media location. Twelve non-university research institutes and six natural science faculties of the Humboldt-Universität zu Berlin create a unique network, including more than 370 high tech companies.

Beyond science - Germany's capital Berlin is by far the largest city in Germany. With a great number of historical and political places of interest, Berlin can also be seen as a "cultural capital". Locations like the Potsdamer Platz, Checkpoint Charlie, or the Brandenburg Gate have seen a thrilling history - being converted from symbols of a divided city into central locations of a vivid city landscape. More than 160 museums invite you to enjoy the world of arts, history and technology. Every night the curtain is raised in three opera houses and more than 50 theatres. Take the opportunity to enjoy the 1st EARSeL SIG URS workshop in one of the most exciting cities in Europe!



Scientific committee

Prof. Dr. Eyam Ben-Dor, Israel
Prof. Dr. Manfred Ehlers, Germany
Prof. Dr. Patrick Hostert, Germany (chair workshop)
Prof. Dr. Carsten Jürgens, Germany (chair SIG URS)
Prof. Dr. Hermann Kaufmann, Germany
Prof. Dr. Birgit Kleinschmit, Germany
Prof. Dr. Jianxin Li, China
Prof. Dr. Derya Maktav, Turkey (co-chair SIG URS)
Dr. Maik Netzband, Germany/USA
Prof. Dr. Eberhard Parlow, Switzerland
Prof. Dr. Tarek Rashed, USA
Prof. Dr. Dieter Scherer, Germany
Prof. Dr. Christopher Small, USA

Keynote speech

A keynote speech will be given by Christopher Small

We are looking forward to seeing you in Berlin!



P. Hostert
Patrick Hostert
(Workshop Chairman)



Jürgens
Carsten Jürgens
(Chairman EARSeL SIG URS)



First workshop of the
EARSeL Special Interest Group on
Urban Remote Sensing

**URBAN REMOTE SENSING
- CHALLENGES & SOLUTIONS -**

2-3 March 2006

Berlin-Adlershof, Germany

THIRD CALL

Organised by the
Humboldt-Universität zu Berlin Remote Sensing Group (HURS)
www.hurs.de in collaboration with
ISPRS and DGPF



Scope & Topics



Urban environments are characterised by highly dynamic changes in the socio-economic and bio-physical domain. Sustainable management strategies for such environments involve procedures of mapping, monitoring, and environmental assessment, which in turn require reliable base information and robust analytical frameworks. Today, remote sensing and GIS play a vital role as sources of information and for decision making in support of a wide array of urban applications. At the same time, rapid advances in imaging technology and image analysis techniques with importance in the urban context evolve. Following the increasing significance of urban growth as well as a rising number of urban agglomerations and world-wide mega cities, an expanding scientific community focuses on topics related to urban remote sensing research. The EARSeL Special Interest Group on Urban Remote Sensing (SIG URS) bundles research on methodological developments for urban remote sensing analysis as well as on applications focussing on urban and suburban environments.

Topics

Presentations may cover the following topics in relation to the urban focus of the symposium:

- Megacities, urban / suburban growth
- Differentiation of the inner structure of cities
- Human settlements and impact analysis
- Quantification/estimation of sealed surfaces
- Remote sensing of urban vegetation
- Ecological aspects of urban/peri-urban landscapes
- Remote sensing of contaminated land in urban areas
- Models of urban change and remote sensing
- Remote sensing, GIS and urban information systems
- New observation systems for urban monitoring
- Digital photogrammetric applications
- Geometric VHR data for urban applications
- Hyperspectral sensors and urban remote sensing
- Radar applications
- Thermal remote sensing

Organisation

Registration Fee

Full Participant	EUR 290*	EUR 330**
EARSeL-Members	EUR 250*	EUR 290**
Students (with proof)	EUR 120*	EUR 150**

* Registration and payment in 2005

** Late registration

Enclosed are:

- oral and poster presentations
- abstract band
- CD with workshop proceedings
- coffee, tea, snacks
- icebreaker
- symposium dinner
- symposium materials
- ticket for public transport for duration of workshop

Time Table

Reduced registration fee until	31 Dec 2005
Full registration fee from	01 Jan 2006
Submission of abstracts	31 Oct 2005
Notification of acceptance	30 Nov 2005
Ready to print manuscripts due	31 Dec 2005
Preliminary programme	15 Jan 2006
Final programme	15 Feb 2006

Language

The official conference language will be English.



Call for papers!

Abstract Instructions

Abstracts must be 500 words (+/- 100) and should concisely describe the proposed paper/poster. Abstracts should be typed and in Word for Windows PC format. Abstracts must include:

- author's names: please list authors by surname followed by initials and indicate the presenting author by underlining his/her name
- presenting author's contact details (company or university, department, full address, telephone, fax and email)
- preference for type of presentation (oral / poster)

Oral and poster presentations will similarly present state-of-the-art in research, will be reviewed after the same standards, and full papers will - in the case of acceptance - be published in the same way.

Submit abstracts electronically to:

sig-urs@hurs.de

Online information at:

www.hurs.de

