



EUROPEAN WEEK < 2008 > EUROPAWOCHE  
 8th Saxonian GIS-Forum < **PROCEEDINGS** > 8. Sächsisches GIS Forum  
**GI2008-SYMPOSIUM**  
 Dresden, 15./16. Mai 2008



# GI 2008

## SYMPOSIUM

### INTER-REGIONAL

### DRESDEN

15. / 16. Mai 2008

8. Sächsisches GIS-Forum <> 8th Saxonian GIS-Forum

# Vorläufiges < PROGRAMM > Preliminary

&

## PROCEEDINGS

ABSTRACTS & POSTERS

SUMMARIES & PRESSINFOS & DOCUMENTS

**NaturNet+Redime (NNR)**

**Sustainable EU-FP6-Project Results Dissemination**



**Organized by IGN e.V. & BOW - Dresden (DE)**

**In close Cooperation with CCSS & CAGI - Praha (CZ)**

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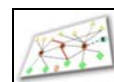
EUREGIA-Kartenschema © 2000 by BBR, Bonn ( ROB2000 )

200 km

ISSN 1801-6480 / Special Issue - NATURNET - Proceedings - DRESDEN, 15. / 16. May 2008 -

Published by IGN e.V.

THE EUROPEAN YEAR OF INTERCULTURAL DIALOGUE 2008 <> 15 YEARS BOW GIS CERTIFICATION COURSES





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ERÖFFNUNG DER EUROPAWOCHE IN SACHSEN  
< **02. 05. 2008** >  
OPENING OF EUROPA WEEK IN SAXONY



**GI2008-SYMPOSIUM**  
INTER-REGIONAL  
**15./16.05.2008**  
DRESDEN

# PROGRAMM GI2008

Willkommen in Dresden  
**Welcome in Dresden**

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**IMPRIMATUR**  
10.05.2008 / 15:00





**EUROPÄISCHES JAHR DES INTERKULTURELLEN DIALOGES**  
**EUROPEAN YEAR OF INTERCULTURAL DIALOGUE**  
**8. Sächsisches GIS-Forum mit internationaler Beteiligung**  
**8<sup>th</sup> Saxonian GIS-Forum with international Participation**

**NACHHALTIGKEIT DER INTER-REGIONALEN ZUSAMMENARBEIT, ENTWICKLUNG  
UND GRENZÜBERSCHREITENDE INTEROPERABILITÄT IM  
EUROPA DER REGIONEN**

INNOVATIVE TECHNOLOGIEN UND WEITERBILDUNG IM KONTEXT EINER NACHHALTIGEN  
INFRASTRUKTURENTWICKLUNG IN DER GEO-, UMWELT- UND RAUMPLANUNGS-  
INFORMATIONSWIRTSCHAFT

**SUSTAINABILITY OF INTER-REGIONAL COLLABORATION, DEVELOPMENT AND  
CROSSBORDER INTEROPERABILITY IN  
EUROPE OF REGIONS**

INNOVATIVE TECHNOLOGIES AND POSTGRADUAL EDUCATION IN THE CONTEXT OF SUSTAINABLE  
DEVELOPMENT OF X-BORDER-INFRASTRUCTURES IN THE GEO-, ENVIRO- AND SPATIAL PLANNING  
INFORMATION SECTORS

**X-border-Programme-Committee**

Karel CHARVAT (CZ-CCSS)  
Chris CORBIN (UK-IDRA / EU-ePSI+)  
Jiri HIESS (CZ-CAGI)  
Frank HOFFMANN (DE-IGN)  
Robert FENCIK (SK-SAGI)  
Petr KUBICEK (CZ-MUNI)  
Walter MAYER (AT-PROGIS)  
Martin MODRY (CZ-KULK)

**X-border-Organizational-Committee**

Prof. Dr. KLOSS (IGN)  
Dr. Klaus-Dieter MICHAEL (VSBI / IGN)  
Prof. Dr. Isolde ROCH (IOER / IGN)  
DI Sabine WITSCHAS (IOER / DGfK-DD)  
Dr. Gudrun HOFFMANN (BOW)  
DI Gabriela MSUYA (BOW)

**Logistics**

**Tagungsort:** TUD-Agrar-CAMPUS-ZINT120 (Südhöhe), Bergstr. 120, D-01069 DRESDEN  
**Anfahrt - Autobahn A17:** Exit DD-Südvorstadt [ GI2008@GoogleEarth:51°01'15.52"N,13°43'44.78"E ]  
**Anfahrt - Bus Nr. 72, 76:** Hauptbahnhof >> Bergstrasse >> Südhöhe (TUD-ZINT)  
**Mobile - Hotline:** +49-160-9490.2443 <HELPDESK> TEL: +49-351-403.2729 / FAX: +49-351-401426.0





# PROGRAMM, 15.05.2008

Änderungen im Programmablauf vorbehalten < Status: April 24<sup>th</sup> > Program changes may be applied !

08:00 - - 08:30	<b>Registration</b> for Pre-Workshop NEXTMAP-3D held by INTERMAP München <b>Registration</b> for GI2008-Symposium <b>Preparation</b> POSTER-Exhibition
08:30 - - 10:00	<b>ERÖFFNUNG &amp; BEGRÜSSUNG</b> <> <b>OPENING &amp; WELCOME</b> by TUD, IGN and INTERMAP <b>Pre-WORKSHOP (Teil 1): "NEXTMap®-3D DEUTSCHLAND &amp; EUROPA"</b> by Intermap Technology (München, DE) - <i>Eintritt frei ! &lt;&gt; Free access at no charge !</i> 1) TECHNOLOGIEN für landesweite DHM <> <b>Technologies for State-wide Digital Elevation Models</b> 2) RADAR-GeoFernErkundung <> <b>RADAR Sensing by SRTM (Space born) &amp; NEXTMap® (Air borne)</b> Primäres Ziel der Veranstaltung ist es, Interessierten neueste Entwicklungen und Möglichkeiten bei der Verwendung von 3D-Geodaten aufzuzeigen. Unter diesem Aspekt wird NEXTMap® als nationales, aber auch als länderübergreifendes, europäisches Kartierungsprogramm vorgestellt.
10:00 - - 10:30	Kaffeepause / <b>Coffee break</b> & Poster- <b>Exhibition</b> (AMI4FOR, CCSS, iEIA, IGN, KULK, KUVK, NATURNET-TOOLS, REDIME, SBS-FGIS-ONLINE, STUBA, WIRELESSINFO,...)
10:30 - - 12:00	<b>Pre-WORKSHOP (Teil 2): "NEXTMAP-3D - Applikationen im INSPIRE-Kontext"</b> by Intermap Technology (München, DE) - <i>Eintritt frei ! &lt;&gt; Free access at no charge !</i> 3) 3D-Geodaten-Mapping-Programm NEXTMap® -DEUTSCHLAND 4) Digitale Höhenmodelle - Anwendungen im UMWELT-Sektor und anderen thematischen Fachbereichen <> <b>Digital Elevation Models - Applications in the Environmental Sector and other thematical Branches</b>
12:00 - - 13:00	<b>Mittagspause / Lunch break</b> & <b>REGISTRATION</b> GI2008-Symposium POSTER-Exhibition (AMI4FOR, CCSS, iEIA, IGN, KULK, KUVK, NATURNET-TOOLS, REDIME, SBS-FGIS-ONLINE, STUBA, WIRELESSINFO, ...) <i>12:50 = Call to FM-VideoConference via OpenUniversity (UK) &gt;&gt; Start: 13:00 / Stop: 15:00</i>
13:00 13:15 13:40 14:00 14:20 14:35 14:45	GI2008-Eröffnung <> <b>Official Opening</b> by IGN, VSBI, BOWGIS CHARVAT (CZ): <u>Invited Keynote</u> - Uniform Resource Management in EU-FP6-Project "NATURNET" BREDEWEG (NL): <u>Invited Video Demo</u> - Qualitative Reasoning on GARP3 - "REDIME" FISLER (CH): <u>Invited Video Lecture</u> - Creating educational content with "eLML" ALBERTS (LV): <u>Computer assisted educational process</u> as a "NATURNET" follow up CERNOHOUS (CZ): <u>Forestry Data Harmonisation</u> in EU-FP6-Project "HUMBOLDT" GÜNZKOFER (DE): <u>Invited Keynote</u> - NEXTMap® - EUROPA-3D
15:00 - - 15:30	Kaffeepause / <b>Coffee break</b> & Poster- <b>Exhibition</b> (AMI4FOR, CCSS, iEIA, IGN, KULK, KUVK, NATURNET-TOOLS, REDIME, SBS-FGIS-ONLINE, STUBA, WIRELESSINFO, ...)
15:30 15:50 16:00 16:10 16:30 16:50 17:00 17:10 17:20	SCHALLER (DE): <u>Invited Keynote</u> - ESRI-Technologieentwicklung & GIS-Weiterbildung HOFFMANN, G. (DE): 15 Years Postgradual GIS-Education at Bildungswerk Ost-West (BOW) MEINEL (DE): Neue Anforderungen an die Geoinformatik-Ausbildung SCHAFFERT (DE): Lehrmodule für Hydrologie/Hydrogeographie basierend auf GEO MEDIAPRO/GRID MAYER (AT): <u>Invited Keynote</u> - ICT Solutions for a Future managed by Farmers and Foresters... MODRY (CZ): The public Awareness of local Landscapes as basis condition for Enviro protection... HERGERT (DE): F-GIS_ONLINE und GeoMIS.FORST - Schnittstellen des SBS zur GDI-Sachsen HOFFMANN, F. (DE): The "NNR-Content-NAVI" - A personalized eLearning&Teaching Support Tool BLACHOWSKI (PL): Interactive Mapping of Environmental Information in Dolnoslaskie Voivodeship
<b>17:30</b>	Ende 1. Tag >>> Interkultureller Dialog... <<<<>>> <b>RELAXING and Intercultural Dialogue...</b>
18:00 - - 20:00	<b>Individual visiting</b> of the International DIXIELAND Jazz Festival (City Center) and / or <b>The DIXIELAND-Riverboat-JAZZ-Shuffle</b> at "ELBE / LABE" River-Steamboats (Terrassenufer)
20:00 - - 22:30	Abendprogramm < "Get together..." > <b>Social Event</b> at "Panorama-View-Restaurant" in the <b>"BOWing-ARENA"</b> , Location: <i>Südhöhe 80</i> (opposite of Bergstr. 120, TUD-Agri-Campus ZINT)







# GI2008 - POSTER - EXHIBITION

< Status per 30.04.2008 >

**ESA-PROJECT « AMI4FOR »** (WIRELESSINFO et al. - POSTER) :  
OPEN AGRICULTURE SERVICES

**EU-FP5-PROJECT « WIRELESS-INFO »** (CCSS et al. - POSTER) :  
CZECH LIVING LAB – WIRELESSINFO

**EU-FP6-PROJECT « NATURNET+REDIME »** (REDIME et al. - POSTER) :  
QUALITATIVE REASONING FOR SUSTAINABILITY WITHIN CONTEXT OF THE  
NATURNET+REDIME PROJECT

**EU-FP6-PROJECT « NATURNET+REDIME »** (CCSS et al. - POSTER) :  
INTEGRATED SOLUTIONS IN THE FRAMEWORK OF NATURNET+REDIME PROJECT

**EU-FP6-PROJECT « NATURNET+REDIME »** (CCSS, ENL, FELIS et al. - POSTER) :  
COLLABORATIVE TOOLS FOR SUSTAINABLE IMPACT ASSESSMENT -  
“INTEGRATED ENVIRONMENTAL IMPACT ASSESSMENT” - iEIA -

**EU-FP6-PROJECT « NATURNET+REDIME »** (IGN et al. - POSTER) :  
INTEGRATED KNOWLEDGE RESOURCE MANAGEMENT - SUPPORTING PERSONALIZED SEARCHES ABOUT  
GLOBAL, REGIONAL AND LOCAL SUSTAINABILITY DEVELOPMENT, INTEROPERABILITY OF WEBSERVICES AND  
USABILITY OF E-LEARNING CONTENTS (FIND → BIND → ACCESS) ON THE NATURNET-LEARNING-PORTAL

**FURDIK, Juraj (SK)** : « **STUBA** » (Faculty of Architecture - POSTER) :  
URBAN STUDY - RESIDENTIAL AREA ZÁHORSKÁ BYSTRICA DIEVČÍ HRÁDK

**HERGERT, Andreas (DE)** - « **SBS** » (WebGIS - POSTER) :  
FGIS\_ONLINE

**HORAK, Petr (CZ)** et al. « **CCSS** » - (EARTHLOOK - POSTER) :  
EARTHLOOK.CZ – UTILIZATION OF SPATIAL DATA TECHNOLOGIES  
WITHIN « **GMES** » ACTIVITIES IN CZECH REPUBLIC

**NOSKOVA, Ingrid (CZ)** - « **IMI PRAHA** » (HP.INVENT - POSTER) :  
DIGITAL REFERENCE MAPS OF CAPITAL PRAGUE

**JUZL, Lubos (CZ)** - « **KUVK** » (Dept. GIS - POSTER) :  
REGIONAL SPATIAL DATA INFRASTRUCTURE IN VYSOCINA REGION

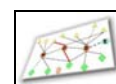
**KAHNWALD, Nina (DE)** et al. « **TUD** » - (MDC - POSTER) :  
« RURAL WINGS » - A SATELLITE-BASED NETWORK FOR LEARNING IN RURAL AREAS...

**KLIMENT, Tomáš (SK)** « **STUBA** » - (Dept. Geodesy - POSTER) :  
POSSIBILITIES OF METADATA DISTRIBUTION FOR GEODATA BETWEEN OPEN SOURCE AND  
COMMERCIAL GIS-APPLICATIONS

**KOSKOVA, Irena (CZ)** « **KULK** » - (Dept. Enviro - POSTER) :  
FLOOD PLAN OF REGION LIBEREC

**SCHAFFERT, Markus (DE)** « **INTERGRAPH** » - (HEP - POSTER) :  
Das INTERGRAPH HOCHSCHULPROGRAMM (EDUCATION GRANT, RRL, STUDENT LICENSE PROGRAMME)

**ŠMIRALOVA, Monika (SK)** et al. « **STUBA** » - (Faculty of Architecture - POSTER) :  
URBAN STUDY- RESIDENTIAL AREA ČUNOVO KONOPISKÁ





# PROGRAMM, 16.05.2008

**Änderungen im Programmablauf vorbehalten < Status: April 30<sup>th</sup> > Program changes may be applied !**

08:00 - - 08:30	REGISTRATION GI2008-Symposium & POSTER-Exhibition
08:30 08:50 09:15 09:30 09:45	BÖHLITZ (DE): Aktueller Stand der grenzübergreifenden Zusammenarbeit im Programm ETZ-Ziel-3 CORBIN (UK): <u>Invited Keynote</u> - Review of the EU Public Sector Information Re-Use Directive MODRA (CZ): Environment, Geoinformation and GIS-Awareness in Kindergarten ? SCHAFFERT (DE): Das Institut für Kommunale GIS (IGIS e.V.) - Kooperationsplattform der TUDA PEKAREK (CZ): Public Sector Educational Experience at Charles University Praha
10:00 - - 10:30	Kaffeepause / <b>Coffee break</b> & Poster-Exhibition (AMI4FOR, CCSS, iEIA, IGN, KULK, KUVK, NATURNET-TOOLS, REDIME, SBS-FGIS-ONLINE, STUBA, WIRELESSINFO, ...)
10:30 10:45 11:00 11:15 11:30 11:45	HARTMANN (DE): INTERGRAPH - Aktuelle GI-Technologie-Entwicklungen & Bildungsforderungen ELMAS (TR): Vocational Training, Employment and Awareness needs in Region SAMSUN (Turkey) BRÄUER et al. (DE): LLP2008-2010 - Aktuelle Weiterbildungssituation im VSBI (Sachsen) JACHIM (CZ): Regional Learning Tools and Environment in Region VYSOCINA PATERNO, Nino (IT): RURIS – RURal Information Society - Internet connectivity for rural SICILIA... KAHNWALD (DE): "RURALWINGS" - A Satellite-based Network for Learning Contents Distribution..
12:00 - - 13:00	Mittagspause <> <b>Lunch break</b>  & Poster-Exhibition (AMI4FOR, CCSS, iEIA, IGN, KULK, KUVK, NATURNET-TOOLS, REDIME, SBS-FGIS-ONLINE, STUBA, WIRELESSINFO, ...)
13:00 13:15 13:30 13:45 14:00 14:15 14:30 14:45	HIESS (CZ): Inspire'd SDI building - The role of GI Literacy & the Practice of Czech GI Association KÄSTLER (DE): Fachstandards und Probleme der semantischen Harmonisierung von Geodaten STACHON et al. (CZ): Alternative Geospatial Data Handling and Augmented Reality CAJTHAMEL (CZ): Quality parameters as basic characteristics for QMS of State Map Series 1:5000 JANECKA (CZ): Automatic Identification of Inconsistencies in Spatial Databases KOSKOVA (CZ): Experiences on Flood emergency training supported by Spatial information... WITSCHAS (DE): Crossborder Mapping requirements concerning Education and Training... THURSTON (CA): <u>Invited Final Keynote</u> - GI Awareness & Educational Challenges for the Future...
15:00 - - 15:30	DISKUSSION & <b>SUMMARY</b> Abschlusssession <> <b>Closing session minutes</b>
<b>15:30</b>	ENDE < GI2008 > <b>FINAL</b>
17:30 - 18:30	CLOSING "15 Years BOWGIS-Education", Visit BOW at Location address: Am Brauhaus 8, 01099 DRESDEN & Viewing the „DRESDEN - ELBE - VALLEY“ UNESCO-Heritage
19:00 - ...	FINAL „Get together privately...“ with EU-Project-Partners of IGN & BOW at "Waldschlößchen Beer Brewery", Am Brauhaus 8

## INTER-REGIONALE ZUSAMMENARBEIT UND GRENZÜBERSCHREITENDE KOOPERATION



## SUSTAINABILITY ACTION OF EU-FP6-PROJECT-NATURNET+REDIME (NNR)





# GI 2008

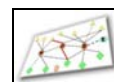
## SYMPOSIUM

### INTER-REGIONAL

## AUTORENLISTE

### ALPHABETISCH

Status per 30. April 2008





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# PROCEEDINGS

## GI2008

### SYMPOSIUM

#### INTER-REGIONAL

**Abstracts & Posters**  
**Summaries**  
**Press Reports**  
The PSI & INSPIRE Directives  
Geodatenzugangsgesetz - 3. Entwurf

**Edited by IGN e.V.**

Doz. Dr. Frank HOFFMANN, CSc - IGN  
Dr. Klaus-Dieter MICHAEL - VSBI  
Dr. Gudrun HOFFMANN - BOW  
Prof. Dr. Siegmar KLOSS - IGN  
Prof. Dr. Isolde ROCH - IOER  
Dr. Karl LENGFELD - IGN

**DRESDEN**

**2008**

