

SVG Open / Carto.net Developers Conference

Zurich, Switzerland - July 15-17, 2002



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Conference Program

First version. Please note that some slots can still change in the next days.

The program includes:

- Opening of Conference
- Keynote (by Chris Lilley)
- Regular presentations (30 minutes each, incl. discussion)
- Session for questions to and discussion with the W3C SVG Working Group members
- Technical exhibition (accessible during coffee breaks and regular presentation sessions)
- Icebreaker Party (on Lake Zurich), Monday evening
- [Workshops](#) on Thursday, July 18

Core time of the conference will be from 9 a.m. to 5 p.m.

Abstracts are linked from the program. You may also have a look at the [abstract list](#) (sorted by author, topic, country, etc.) to get an idea of the topics to be covered.

Monday; July 15, 2002

08:00-
Conference Registration

09:00-9:15
Opening of the conference
Welcome, greetings by officials (ETH, W3C, Organization committee)
Organizational and administrative announcements

09:15-10:00
Keynote speech
by Chris Lilley (W3C), title: "Beyond SVG 1.0 - the next steps"

10:00-10:30
17.5 things you may not want to know about SVG
Jackson, Dean
CSIRO/W3C - [abstract](#)

10:30-11:00

Coffee Break

Opening of the technical exhibition

Session 1 (11:00-12:30)

SVG viewer, tools and Authoring Systems

Session Chair: Ivan Herman, W3C

11:00-11:30

Introduction to the Apache Batik SVG Toolkit

Deweese, Thomas; Hardy, Vincent; Hillion, Stephane and Thierry Kormann

Eastman Kodak / Sun Microsystems Inc. / ILOG, INRIA - W3C / ILOG - [abstract](#)

11:30-12:00

Developing SVG Applications with Batik

Hardy, Vincent; Deweese, Thomas; Hillion, Stephane and Thierry Kormann

Sun Microsystems Inc. / Eastman Kodak / ILOG, INRIA - W3C / ILOG - [abstract](#)

12:00-12:30

Editing SVG with other XML languages

Cheyrou-Lagrece, Paul

INRIA - [abstract](#)

12:30-13:30

Lunch Break

Session 2 (13:30-15:00)

SVG viewer, tools and Authoring Systems / Scripting, Animation and Interactivity

Session Chair: Chris Lilley, W3C

13:30-14:00

Introduction to Jasc WebDraw

Edwards, ElShaddai

Jasc Software, Inc. - [abstract](#)

14:00-14:30

Presentation of SVG Studio, SVG Builder, Steer and SVG Browser 1.0

Adam, Alexander

PCX Software - [abstract](#)

14:30-15:00

eSVG - SVG for Embedded Systems

Jezic, Damir

Intesis d.o.o. - [abstract](#)

15:00-15:30

Coffee Break

Session 3 (15:30-17:30)

Scripting, Animation and Interactivity

Session Chair: Dean Jackson, W3C, CSIRO

15:30-16:00

SVG Secrets

Sorotokin, Peter

Adobe Systems Incorporated

16:00-16:30

Getting Interactive with SVG

Quint, Antoine

ILOG - [abstract](#)

16:30-17:00

Using SVG Filters

Hirtzler, Michel

Pilat Informatique Educative - [abstract](#)

17:00-17:30

Scripting SVG

Wenz, Christian and Tobias Hauser

- [abstract](#)

19:00-22:30

Icebreaker Party

On Lake of Zurich (boat), incl. dinner

Tuesday; July 16, 2002

Session 4 (09:00-10:30)

Webmapping

Session Chair: Lorenz

Hurni, Institute of

Cartography, ETH Zurich

09:00-09:30

Attractive Vectormaps - a call for well arranged webmaps

Dahinden, Tobias and

Stefan Raeber

Institute of Cartography,

ETH Zurich / Institute of

Cartography, ETH Zurich -

[abstract](#)

09:30-10:00

Adaptive Zooming in Web Cartography

Cecconi, Alessandro and

Martin Galanda

Department of Geography -

Session 5 (09:00-10:30)

Serverside SVG generation / server-client communication

Session Chair: Vincent Hardy - Apache/Batik, Sun, W3C

09:00-09:30

SVG Server-Side

Wenz, Christian and Tobias Hauser

- [abstract](#)

09:30-10:00

State-Aware, Bi-directional Client-Server Interaction With Perl and Client-Side JavaScript

Oger, Ronan

RO IT Systems GmbH - [abstract](#)

	GIS Division, University of Zurich / Department of Geography - GIS Division, University of Zurich - abstract		
	10:00-10:30 SVG + Java servlets for Web Maps George, Randy Geotechnologies, Inc - abstract	10:00-10:30 SVG - The visual interface for Web services Aulenback, Shane Deepwhite, Corel Corporation - abstract	
	10:30-11:00 Coffee Break		
	Session 6 (11:00-12:30) GIS/GML/GPS Session Chair:	Session 7 (11:00-12:30) SVG for (scientific) visualization Session Chair:	
	10:30-11:00 Styling and presenting Maps with GML and SVG Ron Lake, Galdos/OGC	11:00-11:30 BIOVIZ: Genome Viewer Lewis, Chris; Karcz, Steve; Sharpe, Andrew and Isobel Parkin Molecular Genetics, Saskatoon Research Center, Agriculture and Agri-food Canada / Molecular Genetics, Saskatoon Research Center, Agriculture and Agri-food Canada / Molecular Genetics, Saskatoon Research Center, Agriculture and Agri-food Canada / Molecular Genetics, Saskatoon Research Center, Agriculture and Agri-food Canada - abstract	
	11:30-12:00 GML and SVG: from content to presentation de Vries, Marian Department of Geodesy, Section GIS-technology; Delft University of Technology - abstract	11:30-12:00 Leveraging SVG in the Rigi Reverse Engineering Tool Kienle, Holger; Weber, Anke and Hausi Müller Computer Science Department, University of Victoria / Computer Science Department, University of Victoria / Computer Science Department, University of Victoria - abstract	
	12:00-12:30 High quality presentation of geo-data as a result of system independent conceptual modeling with INTERLIS Gnägi, Rudolf and Andreas Morf	12:00-12:30 A Framework for SVG based Online Visualization Kolbe, Florian in - integrierte informationssysteme GmbH - abstract	

Institute of Geodesy and
Photogrammetry, ETH
Zurich / Institute of Geodesy
and Photogrammetry, ETH
Zurich - [abstract](#)

12:30-13:30
Lunch Break

Session 8 (13:30-15:00)
Webmapping
Session Chair: André
Winter, Carto.net / Innsbruck
University

Session 9 (13:30-15:00)
Accessibility, Interoperability, Data
Conversion
Session Chair:

13:30-14:00
**A Simple Web Mapping
Solution for Complex
Spatial Databases**
Plewe, Brandon
Department of Geography,
Brigham Young University -
[abstract](#)

13:30-14:00
**Common graphical object models
and how to translate them to SVG**
Mansfield, Philip
SchemaSoft - [abstract](#)

14:00-14:30
**Electronic multimedia
choropleth maps design
through SVG**
Stanek, Karel and Lucie
Friedmannova
Laboratory on
Geoinformatics and
Cartography, Dept. Of
Geography, Masaryk
University in Brno /
Laboratory on
Geoinformatics and
Cartography, Dept. Of
Geography, Masaryk
University in Brno - [abstract](#)

14:00-14:30
SVG Linearization and Accessibility
Herman, Ivan and Daniel Dardailler
W3C Dutch Office at CWI / W3C INRIA
- [abstract](#)

14:30-15:00
**The fourth dimension in
crime mapping at the
RATP**
Cunty, Claire and Yves
Roynard
RATP, SIT/ISI/IV/Cellule
Géomatique / RATP, SIT/ISI/
IV/Cellule Géomatique -
[abstract](#)

14:30-15:00
**Using XSLT and SVG together: a
survey of case studies**
Froumentin, Max and Vincent Hardy
W3C/INRIA / W3C/INRIA - [abstract](#)

15:00-15:30
Coffee Break

Session 9 (15:30-17:00)

GIS/GML/GPS

Session Chair: Ron Lake,
Galdos Systems, OGC

15:30-16:00

**Database-driven
Generation of SVG and
other Graphical
Representations**

Huber, Martin

GeoTask AG - [abstract](#)

16:00-16:30

**Axiomap, and SVG based
interfaces to a spatial
query and markup system**

Zaslavsky, Ilya

San Diego Supercomputer
Center, UCSD - [abstract](#)

16:30-17:00

**Experiments with SVG for
an intranet interactive
graphic application
prototype**

Rivière, Robert

Centre d'Etudes Techniques
de l'Equipement d'Aix-Les
Milles - [abstract](#)**Session 10 (15:30-17:00)**SVG Flexibility: From product design to
heraldrySession Chair: Sara Kubik, Computer
Graphics Technology, Purdue University

15:30-16:00

**Use of SVG-attributes in graphics as
a base for the management of know-
how in the area of product design**

Leonhardt, Uwe and Jan Hoffmann

Intelliact AG - [abstract](#)

16:00-16:30

**Single Sourcing in Technical
Communication**

Fibinger, Iris

Comet Communication GmbH - [abstract](#)

16:30-17:00

**Generating heraldic shields in svg
from xml formatted blazons**

Engström, Urban E.

Ouroborus - [abstract](#)**Wednesday; July 17, 2002****Session 11 (09:00-10:30)**

SVG Mobile/Location Based Services

Session Chair: Christine Giger - Geoinformation Technologies Group,
Institute of Geodesy, ETH Zurich

09:00-09:30

Creating and Implementing Mobile SVG

Robinson, Bella

CSIRO Australia, Mathematical and Information Sciences Division -
[abstract](#)

09:30-10:00

SVG for adaptive visualisations in mobile situations

Reichenbacher, Tumasch

Department of Cartography, Technical University Munich - [abstract](#)

10:00-10:30

**Geospatial Information Service System for Browser-phones
utilizing PSVG**

Shimada, Shigeru; Tanizaki, Masaaki and Satoru Takagi
Hitachi, Ltd., Central Research Laboratory / Hitachi, Ltd., Central
Research Laboratory / KDDI R+D Laboratories Inc. - [abstract](#)

15:00-15:30

Coffee Break

Session 12 (11:00-12:30)

SVG and Animation / SVG as a Page Description Language / Discussion
Session Chair:

11:00-11:30

SVG Animation for the People

Quint, Antoine

ILOG - [abstract](#)

11:30-12:00

SVG as a Page Description Language

Fujisawa, Jun; Yardumian, Rick and Alex Danilo

Canon Inc. / Canon Development Americas Inc. / Canon Information
Systems, Research Australia Pty Ltd - [abstract](#)

12:00-12:30

**Question and Discussion session with the W3C SVG Working
Group**

12:30-13:30

Lunch Break

Session 13 (13:30-15:00)

Webmapping

Session Chair: Andreas
Neumann, Institute of
Cartography, ETH Zurich

Session 14 (13:30-15:00)

SVG Mobile/Location Based Services;
GIS/GML/GPS
Session Chair:

13:30-14:00

**The Atlas of Tyrol - A
database-driven map
application based on
SVG**

Förster, Klaus and André
Winter

Department of Geography,
Innsbruck University /
Department of Geography,
Innsbruck University -
[abstract](#)

13:30-14:00

**The Suitability of SVG for Deploying
Wireless Applications**

Hayman, John
Research In Motion - [abstract](#)

14:00-14:30

**An Internet Atlas
Prototype of the Sri
Lankan Central Province**

Sieber, Marco

Department of Geography,
GIS Division, University of

14:00-14:30

**Ubiquitous Access for Collaborative
Information System Using SVG**

Lee, Sangmi; Fox, Geoffrey; Ko,
Sunghoon and Minjun Wang

Department of Computer Science,
Florida State University / Department of

Zürich - abstract	Computer Science, Florida State University / Pervasive Technology Laboratory, Bloomington / Department of Electrical Engineering and Computer Science, Syracuse University - abstract
14:30-15:00 Online Aggregation and Visualization of Census Data: Population Mapping with SVG, XML, and Free Software Chang, Yi-Hong and Tyng-Ruey Chuang Institute of Information Science, Academia Sinica / Institute of Information Science, Academia Sinica - abstract	14:30-15:00 SVG as graphical metadata for distributed spatial data processing Brändli, Martin and Jörg Sparenborg Swiss Federal Institute WSL / Swiss Federal Institute WSL - abstract
15:00-15:30 Coffee Break	
Session 15 (15:30-17:00) Webmapping Session Chair: Martin Galanda, Department of Geography, Zurich University, Geographic Information Systems Division	Session 16 (15:30-17:00) GIS/GML/GPS Session Chair:
15:30-16:00 Interactive Topographic Web-Maps Using SVG Neumann, Andreas Institute of Cartography, ETH Zurich - abstract	15:30-16:00 GPS tracking using SVG Bennett, Richard GRI Technologies LLC - abstract
16:00-16:30 Navimap - a software solution for online generation and broadcasting of high quality cartographic, platform independent, data Duquesne, Christophe; Vignard, Olivier and Eric Georges Dryade / Dryade / Dryade - abstract	16:00-16:30 Towards Open Geo-Visualization Services Keller, Stefan Center for Integrated Geo-Information Systems, Institute ITA, Computer Science Department, University of Applied Sciences Rapperswil - abstract

16:30-17:00
**Collaborating to Put SVG
on the Map**
McCullough, Mike
Citizen Computing Institute
- abstract

16:30-17:00
**Water supply network and
installations: a real life application of
SVG**
Gaborit, Gaetan and Patrick Julien
Netagis / Netagis - abstract

17:00-17:15
Closing of the conference, Conclusion

Thursday; July 18, 2002

09:00-12:30; 13:30-17:00
Workshops
see separate program

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