



ICA Commission on Cognitive Visualization

www.geo.uzh.ch/microsite/icacogvis/

ICC 2013

Business meeting

Sara Irina Fabrikant & Amy Griffin

Dresden, Germany, 2013





Who are we?

Amy Griffin

University of New South Wales, Canberra, Australia



Sara Fabrikant

University of Zürich, Switzerland



You !

Members from many organizations & countries

**Please register to
receive news and
updates!**

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What do we do ?

- **Organize sessions** at the 2013 and 2015 ICC with focus on cognitive processes when using maps and interactive GeoVA systems.
- **Organize annual meetings** of the commission, often in conjunction with other ICC commissions (i.e., GeoViz Hamburg 2013, AAG 2012).
- **Disseminate findings** of our meetings through an up-to-date Commission website, and peer-reviewed scholarly outlets (i.e., IJGIS 2013, Cartographic Journal 2012).
- **Seek out the involvement** of young researchers by including opportunities for training (i.e., Pre-ICC 2013 eye tracking workshop, AutoCarto Columbus 2012).
- **Maintain a website** for electronic dissemination of research on Commission-relevant issues



A sample activity

- Cognition, Behaviour, Representation session series, AAG, Los Angeles, April 2013.
- Pre-ICC 2013 :: Eye-tracking workshop in Dresden, Germany [with the UUI & Geovis Commissions]

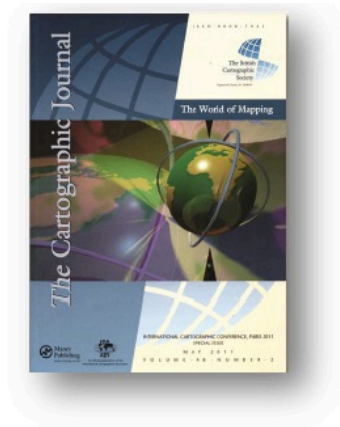


International Cartographic Conference 2013 - Pre-Conference Workshop

*23 (noon)-24 (all day) August 2013 @ the Technical University in Dresden,
Germany*



A sample product



2012 SPECIAL ISSUE for *The Cartographic Journal*

The next issue of *The Cartographic Journal* for 2012 (49.4) will be a special issue entitled:

Cognition, Behaviour, Representation

Guest Edited by Dr Amy Griffin, Professor Dr Sara Fabrikant and Dr Alexander Kent

Geographic information is pervasive in today's world. More people are both making and using maps for more purposes than ever before. This trend, driven largely by the information distribution capabilities of the Internet, puts geographic information in the hands of most everyone, on devices ranging from desktop computers to navigation devices in cars, tablet computers, and smart phones. The digital environment also allows cartographers to create innovative representations of geographic information. This diversity of devices, uses and forms of representation opens up a wide array of challenges for cartographic designers. The papers from this special issue address the interrelationships between the design of cartographic representations, how people think when using them, and the behaviours that these uses support.

Griffin, A., Fabrikant S. I., Kent, A. (2012). Special Issue on Spatial Cognition, Behaviour and Representation. *The Cartographic Journal*, Vol. 49, No. 4.



Upcoming activities

- Cognition, Behavior, and Representation session series, AAG 2014, Tampa, FL (USA), April 8-12, 2014.
- [CartoCon](#) 2014, [with Use and User Issues | National & Regional Atlases], Palacký University, Olomouc (CZ), February 25-28, 2014





Your needs and input!

- General
 - data sharing for analysis – [check website](#)
 - teaching materials – [check website](#)
 - webinar, youtube movies of workshops – [we will look into this](#)
 - match making for solving research problems – [we will think about how this could be done](#)
 - input on special sessions (and organization at ICC mtg.)

- Events (general comments):
 - frequency (bi-annual regular mtgs., and in-between activities)
 - find ways to sponsor student scholars

- Suggested possible event locations:
 - AutoCarto 2014 / NACIS (Pittsburgh)
 - linking to ICC meeting: pre-conf. workshop: Rio 2015 Curitiba, south of Sao Paulo (BRA)?
 - include additional activities to socialize
 - ISPRS meeting Melbourne late 2014 or early 2015



ideas

- Possible event themes:
 - joint effort on research agenda setting white paper
 - for best practice examples (experiment designs)
 - learning, memory
 - getting feedback on experiment design from psychologists/cognitive scientists
 - different types of displays (i.e., schematic maps)
 - workshop with other disciplines (vis week, etc.)



More information ?



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