***Workshop on Open Source Geospatial Technologies***

**At AutoCarto 2016, Albuquerque, New Mexico, USA**

14 September 2016

At AutoCarto 2012 in Columbus, Ohio, USA, a one-day workshop on “The Internet and Geospatial Technologies,” jointly organized by the International Cartographic Association (ICA) Commission on Maps and the Internet and the ICA Commission on Open Source Geospatial Technologies, was successfully held (http://tinyurl.com/ogzk8bs). AutoCarto is a Cartography and Geographic Information Society (CaGIS) research symposium held every two years. CaGIS is the US adhering body to the ICA.

This year AutoCarto 2016 will be held in Albuquerque, New Mexico, USA, 14 – 16 September 2016 (http://tinyurl.com/p7bpfhp). The ICA Commission on Open Source Geospatial Technologies will hold a one-day workshop on “**Advancing GIScience with Open Source Technologies**.”

***Agenda***

Morning (start 0900 local) -- Invited Speakers (30 minutes each for presentation and questions)

1. Silvana Camboim, Federal University of Paraná – UFPR, BRAZIL, Commission Chair, “Experiences on How Openness Can Help to Reduce Inequality”
2. Helena Mitasova, North Carolina State University, USA, “GRASS GIS as open source innovation platform: from dynamic visualizations to collaborative tangible modeling” (co-authors: Anna Petrasova, Vaclav Petras, and Brendan Harmon)

Short Break

1. Alex Sorokine, Oak Ridge National Laboratory (ORNL), USA, “Open-Source Software in the Cutting Edge Geocomputaion Research at ORNL”
2. James McAndrew, Colorado State University, contractor to the US National Park Service, USA, "Keeping Map Data Current Through the Use of Volunteered Geographic Information"
3. Carl Sack, University of Wisconsin–Madison, USA, "Teaching Open Source Web Mapping" (co-author: Robert Roth)

Lunch (1145)

Afternoon (start 1315 local)

1. Peter Baumann, Jacobs University Bremen, GERMANY, “Doing Datacubes in Open-Source: the rasdaman Scalable Array Engine”
2. Somesh Soni, Indian Institute of Technology, Banaras Hindu University, Varanasi, INDIA, "Selection of site for solid waste management using GIS technology"

Short Break

1. Syed Monjur Murshed, European Institute for Energy Research (EIFER), GERMANY, “Development of an Open Source 3D Browser to Visualize Modeling Results" (co-authors: Jochen Wendel, Akila Sriramulu, and Alexandru Nichersu)

Open Discussion (1500) -- Silvana Camboim, Chair and Discussant

"Future Directions: Thinking About the Road Ahead"

Adjourn (1615)

**Organizer**

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