Canadian Cartographic Association Conference 2017 Carleton University – Ottawa
Wednesday May 31 – Saturday June 3, 2017
Location: Richcraft Hall, Carleton University

PRELIMINARY PROGRAM

WEDNESDAY, May 31, 2017 - Pre-conference Events
2:00-4:00pm Guided tour of Canadian Museum of History in Gatineau, QC
"Sneak preview" of Canada's 150th Hall of History Exhibit
4:00-5:00pm Free time
5:00-7:00pm Informal Icebreaker at Carleton on-campus pub Mike's Place from 5:00pm to whatever time - sponsored by CCA
7:00pm - Informal dinner arrangements TBA

THURSDAY, June 1, 2017
8:00am Registration opens
8:45am Conference starts
8:45-9:00am Welcome address from Chair of Geography, Dean of FASS, CCA President
9:00-9:45am ‘Past Cartography’ Keynote:
Ian Crain, Orbis Institute
The CGIS +50: Origins, Innovation, and Lasting Legacy
9:45-10:00am Break for 15 minutes
10:00-11:00am Presentation session: Historical Mapping and GIS 1 (Chair Byron Moldofsky)
Roger Wheate, University of Northern British Columbia
A brief history of 150 years of topographic mapping in Canada
Sarah Simpkin*, Interim Digital Scholarship Librarian, University of Ottawa
New Uses for Old Maps – Exploring transforming landscapes online through historical topographic maps
Byron Moldofsky, University of Toronto
Canadian Historical GIS Partnership development: Taking steps for historical mapping in Canada
11:00-11:15am Break of 15 minutes
11:15am-12:35pm Presentation session: Historical Mapping and GIS 2 (Chair Byron Moldofsky)
Giuseppe Filoso, Statistics Canada
1971 Statistics Canada Enumeration Area Restoration Project
Kevin Ballantyne
Mapping historic buildings in Ottawa
Wendy Smith, PhD Candidate (Canadian History) York University
The Toronto PARK LOT PROJECT — Mapping the founding history of Toronto & Upper Canada
Rebecca Bartlett, Carleton University, GIS and Digital Resources Librarian and Trevor Ford
Battling mapping a battle: Vimy Ridge front line movement
12:35-1:45pm Lunch (1 hour 15 min duration)
1:45-2:30pm  ‘Present Cartography’ Keynote:  
Chris Brackley, As the Crow Flies cARTography, and Canadian Geographic  
*Cartography Today: Drawing human experience on a global scale*  
2:30-2:40pm  Break for 10 minutes  

2:40-4:00pm  Presentation session: Cartography Today 1 (Chair David Broscoe)  
Daniel Brendle-Moczuk, MLIS, GeoSpatial Librarian Uvic libraries  
*Sacred land? Digitally preparing and dismantling maps of Canada’s First Peoples territories and language areas for use with geospatial tools*  
Amos Hayes, Geomatics and Cartographic Research Centre, Carleton University  
*Cartography of Data and Stories with Nunaliit*  
Mark Gallant, Entertainmaps  
*Using Creative Cartography in Story Maps*  
Emma Zerr and Justin Charron  
*The Canadian Museum of History Interactive Map: Travel Through History*  
4:00-4:15pm  Break of 15 minutes  

4:15-5:25pm  Presentation session: Cartography Today 2 - Teaching stream (Chair David Broscoe)  
Monica Lloyd - Centre of Geographic Sciences (COGS)  
*Integrating ArcPro and Webmapping into the Cartography curriculum*  
Julia Siemer, Department of Geography and Environmental Studies, University of Regina  
*Teaching Digital Cartography: A Comparison of Adobe Illustrator and Inkscape*  
Sally Hermansen - University of British Columbia  
*Changing Curriculum: How to teach an old(ish) cartography professor new tricks*  
Roger Wheate, University of Northern British Columbia  
*The Hills are alive with the ICA mountain cartography commission*  
5:25-5:45 pm  Break of 20 minutes  

5:45-7:30pm  Official Wine and Cheese Reception sponsored by the Department of Geography and Environmental Studies, Carleton University in the Atrium, Richcraft Hall  
7:30pm - Group reservation for dinner at local restaurant - TBA  

FRIDAY, June 2, 2017  
8:00am Registration opens  
8:45am Conference starts  

8:45-9:30am  ‘Future Cartography ’ Keynote:  
Fraser Taylor, Carleton University, Director of the Geomatics and Cartographic Research Centre  
*Rapid technological change and the future of cartography*  
9:30-9:45am  Break for 15 minutes  

9:45-10:45am  Presentation session: The Future of Cartography 1 (Chair Emmanuel Stefanakis)  
Uzayr Siddiqui, Carleton University  
*Enlightenment of Cartography by Drones and Uavs*  
Laura Thomson, PhD, Postdoctoral Fellow, Department of Earth Sciences, Simon Fraser University  
*Advances to glacier and mountain cartography using Structure from Motion*
Dr Christopher D Storie, Dr Christopher Henry, Andrew Curtis

*Automated Map Production Using Deep Learning Neural Networks*

10:45-11:00am Break of 15 minutes

**11:00am-12:20pm  Presentation session: The Future of Cartography 2** (Chair Emmanuel Stefanakis)
Nate Wessel, PhD candidate, University of Toronto
   *Testing transport maps for route selection speed and quality*
Jeff Allen, MA candidate, University of Toronto
   *Comparative Visualizations of Transport Networks in Canadian Cities*
Emmanuel Stefanakis, Department of Geodesy and Geomatics Engineering, University of New Brunswick
   *Simplification of Linear Features for Raster Tile Maps and Discrete Global Grids*
Joni Storie, Martine Balcaen and Adrienne Ducharme, The University of Winnipeg
   *Impact of restaurant spatial proximity on food security and public health in Winnipeg*

**12:20-2:00pm  Lunch and CCA Annual General Meeting (1 hour 40 min duration)**

**2:00-3:20pm  Presentation session: The Future of Cartography 3**
Sébastien Caquard, Department of Geography, Planning and Environment, Concordia University
   *Mapping as an Interface for Places and Stories - Examples from the Geomedia Lab*
Mo Wang, MSc candidate, Department of Geography, Planning and Environment, Concordia University
   *Mapping Zika with Twitter – Process, Results, Lessons*
Emory Shaw, MSc candidate, Concordia University
   *Tweeting an Urban Plaza: An Experiment in Geographic Information Retrieval*
Thomas McGurk, MSc Candidate, Concordia University
   *The state of on-line Indigenous mapping in the Canadian context*

**3:20-4:00pm  Technical session**
Emmanuel Stefanakis, Dept. of Geodesy & Geomatics Engineering, University of New Brunswick
   *Web Mercator Projection and Raster Tile Maps: Two cornerstones of Online Map Service Providers*

4:00-4:10pm Break of 10 minutes

4:10-4:25pm  Closing Remarks
4:25-5:15pm  Free time/Poster Session
   Conversation with authors of posters, Interactive displays

5:15-6:15pm  CCA Orienteering event

7:30pm -  Group reservation for dinner at local restaurant - TBA

**SATURDAY, June 3, 2017**
10:00am-1:00pm  Tour of Ottawa area attractions: TBA