

PRELIMINARY PROGRAM — 2023 Mountain Cartography Workshop

Updated: 12 March 2023

TUESDAY, 11 April

5:00 PM Dinner
7:30 PM Opening reception

WEDNESDAY, 12 April

Blue = 10-minute talk

Orange = 20-minute talk

7:00-9:15 Breakfast

9:15-10:30 **Morning Session I** *Moderator: Dušan Petrovič*

Geoff Aitken Cartographic Communication: Text Variables on Maps
Martin Gamache Relief for the 2023 NGS Ukraine Reference Map
Brandon Plewe Mapping Visual Landscapes
John Nelson Why Put Your Map in a Box?

10:30-11:00 Coffee break

11:00-12:00 **Morning Session II** *Moderator: Aileen Buckley*

Daniel Coe Using Lidar to Reveal the Natural Hazards and Landforms of Washington State, USA
Joe Milbrath Mapping Glacier Peak: A 3D Oblique Tutorial Using High-Resolution Data
Robert Simmon Off Kilter: The Assets of Oblique Satellite Views
Stephen Tyson Perspective Mapping Extreme Locations

12:00-1:45 Lunch

1:45-3:00 **Afternoon Session I** *Moderator: Sam Guilford*

Jürg Gilgen A Portrait of Alfred Oberli
Matthew Hampton Colorado - Pictorial Planimetric Oblique Cartography from 1894: A Review and Explorations of Reproductions with Digital Tools
Jeff Howarth Transects of Japanese Mountain Cartography
Brooke Marston High-Altitude Stakes in the Himalayas: China-India Boundary Dispute
Stefan Räber Swiss Authors and Producers Map Mountains Around the Globe

3:00-3:30 Coffee break

3:30-4:30 **Afternoon Session II** *Moderator: Andrew Tyrrell*

Leland Brown Weighted Median Filtering for Terrain and Contour Generalization

	Dušan Petrovič	Redefining Heights of Mountain Interesting Peaks and Other Characteristic Points in Slovenia
	Margot Carpenter	Salt River from Summit to Seafloor: A Study of Shaded Relief Techniques for Coastal Environments
	Patrick Kennelly	Maximizing Variance of Relief Shading
5:00-7:00	Dinner	
7:00	Avalanche Poster Talks (5 minutes each)	
	Brad Allen	Crossing Cochetopa: Time Travel, Exploration and Discovery Across the Continental Divide
	Eric Knight	Tien Shan Panoramic Map
	Nolan Mestres	Controllable Lighting Model for Designing Digital Panorama Maps in the Style of Novat
	Alethea Steingisser	New and Improved (!) Terrain Representations in the Atlas of Yellowstone, Second Edition
	Anna Riling	Geologic Train Maps of the Grand Canyon
	Gabriel Rousseau	Custom Hypsometric Landscape Representation: Interpretive Kiosk and Brochure Maps of Warner Wetlands & Hart Mountain

THURSDAY, 13 April

7:00-9:15	Breakfast	
9:15-10:30	Morning Session I	<i>Moderator: Alex Tait</i>
	Timofey Samsonov	Topographic Hachures in QGIS
	Charles Preppernau	Using Projection Distortion in Panoramic Maps
	Karel Kriz	Rock Depiction for Large-Scale Topographic Maps Based on Open Geodata
	Manfred Buchroithner	Big-Scale High-Mountain Orthophoto Maps. The Example of the 1:20,000 Map of Nevado Chimborazo, Ecuador
10:30-11:00	Coffee break	
11:00-12:00	Morning Session II	<i>Moderator: John Nelson</i>
	Tom Patterson	Malaspina Glacier Panorama
	Alex Fries	Mapping the Alabama Landscape: A Retrospective
	Carl Churchill	A Defense of Dedicated Terrain Work in Graphics Journalism
	Daniel Huffman	Finding the Voices that are Missing
12:00-1:45	Lunch	
1:45-3:00	Afternoon Session I	<i>Moderator: Margot Carpenter</i>
	Gabriela Ilies	Re-tracing the Long-Forgotten Salt Road in Maramures (Romania)

	Chaney Swiney	Mountains of Field Notes
	Alex Tait	Climber's Map of the Heart of the Teton Range
	James Meacham	Mapping Carnivore Movement and Interactions in the Greater Yellowstone Ecosystem
	Becca Holdhusen	Remapping Hawai'i Volcanoes National Park
3:00-3:30	Coffee break	
3:30-4:30	Afternoon Session II	<i>Moderator: Carl Churchill</i>
	Aileen Buckley	Terrain Revelations
	Shekhar Kumar	Exposure to Climatic Variability and Associated Hydro-Meteorological Hazards in Beas River Basin of Western Himalaya, India
	Andrew Tyrrell	Open Data, Open Source, Opening Opportunities: A Love Letter to Open Data and Open Source Software
	Sam Guilford	A Few Considerations Regarding Field Data Collection in Mountain Environments
5:00-7:00	Dinner	
7:00	Mountain Trivia	<i>Host: Tom Patterson</i>

FRIDAY, 14 April

7:00-9:00	Breakfast
9:00-5:00	Outdoor recreation day
6:00-7:30	Evening social