

2019 IEEE VIS Arts Program (VISAP 2019)

**Vancouver, British Columbia, Canada
21 – 25 October 2019**



**IEEE Catalog Number: CFP19M79-POD
ISBN: 978-1-7281-5028-4**

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IEEE Catalog Number:	CFP19M79-POD
ISBN (Print-On-Demand):	978-1-7281-5028-4
ISBN (Online):	978-1-7281-5027-7

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Proceedings of the IEEE VIS Arts Program (VISAP) 2019

Vancouver, BC, Canada | October 20–25, 2019
<https://visap.net>

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Overview

The theme for VISAP'19 is Beyond Borders. We invite submissions that reflect the many different ways in which borders are formed, reformed, disturbed, enacted, lived, needed, and destroyed.

We take a broad view of borders as methods of delineating areas conceptually, metaphorically, physically, relationally. Borders can be artificial lines enforced by habit, convenience, force, or law. They can be physical expressions of once conceptual borders, keeping in or keeping out, protecting or preventing. In all their manifestations, borders have counterparts in our minds and our bodies, both individual and social. We tell stories with implicit borders; we speak of boundaries, tribes, parties, identities. Borders can simplify and complicate, as useful maps sometimes confused for territories, as interfaces that enable and mask. We are looking for works that play with the fluidity of borders, not only in their definition but in their inherent dynamic nature.

VISAP'19 welcomes works that grapple with the often-contradictory narratives around borders as outlined above. We are especially interested in works that integrate scale as a mode of enquiry -- geographically, temporally, and socially. Do our perception of borders change with scale, and if so, how? What are the dynamic components of borders, and can a focus on these change the narratives? In which ways can collected data agitate our sense of borders, for good or for ill. Who and what collects data and across which borders and boundaries? How does data affect our sense of responsibility within and across borders?

In the spirit of being beyond borders, VISAP'19 welcomes all media and mixtures thereof – including interactive data visualization, 3D printed sculptures, VR/AR, digital fabrications, sound works, writing, print, video, and other multimedia forms.

Papers

Session 1: AI & Geography

Data Brushes: Interactive Style Transfer for Data Art (Paper).....
Mahika Dubey, Jasmine Tan Otto, Angus G. Forbes

Infranet: A Geospatial Data-Driven Neuro-Evolutionary Artwork (Paper).....
Graham Wakefield, Haru Hyunkyoung Ji

Session 2: Physical & Environmental

Data Manifestation: Merging the Human World and Global Climate Change (Paper).....
Karin von Ompteda

Embroidering Translations between Digital Art and Design for a Sustainable Environment (Paper).....
Rodrigo Rosales González, Ana Carolina Robles Salvador