

Think Spatial

The Center for Spatial Studies' brown-bag forum on spatial thinking

Presents

Tomi Kauppinen

Aalto University School of Science
Helsinki, Finland

On Spatial Aboutness

Tuesday November 8, 2016

12:00 p.m.

3512 Phelps Hall

ABSTRACT: Search for information has become an inherent part of our life, both at work and for leisure. The challenge is that information needs to be indexed to allow for search to be effective. Kauppinen will discuss one particular task: how to deal with “spatial aboutness” of information objects (such as books at a library, paintings at a museum, experiences of people in spaces or tagged contents of a social media platform). The main, emerging question is how different approaches can together be made to support the spatial aboutness of objects to be more explicit. He will use examples to illustrate different tasks (such as finding out what places have been studied in given research papers) and results (such as visualizations of spatial aboutness of human observations).

BIO: Tomi Kauppinen is a project leader and docent at the Aalto University School of Science in Finland. He holds a habilitation (2014) in geoinformatics from the University of Muenster in Germany and a Ph.D. (2010) in media technology from the Aalto University. From April 2014 to September 2014 he was appointed as the Cognitive Systems Substitute Professor at the University of Bremen in Germany. He has been active in opening and sharing data, and created semantic recommendation and information exploration engines. The central themes in his research and teaching are linked data, data science and information visualization applied to spatio-temporal phenomena, and supporting the understanding of related cognitive processes. He has actively created online tutorials on these themes and has run related courses and tutorials at international conferences and universities. He has co-chaired workshops on visual approaches, spatial thinking and linked science, including the International Workshops on Linked Science 2011–2015 at the International Semantic Web Conferences. He is also the founder and community leader of LinkedScience.org.

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perspectives for teaching and research