Ontology Engineering:
A View from the Trenches

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Abstract of Invited Talk

Starting from an experience report on developing ontologies and ontology design patterns for a variety of domains and purposes, this talk will reflect on the complex relationship between Linked Data, cyberinfrastructure, and ontologies. I will discuss the role of modularization and patterns for ontology engineering, technical and social challenges in the adoption of the developed ontologies, and common misunderstandings about interoperability and semantic heterogeneity. Based on this overview, I will outline three new perspectives and argue how they can address some of the outlined challenges.

Biography of the Speaker. Krzysztof Janowicz is an Associate Professor for Geographic Information Science and Geoinformatics at the University of California, Santa Barbara, USA. He is the program chair of UCSB's Cognitive Science Program, one of two Editors-in-Chief of the Semantic Web journal, and a Faculty Research Affiliate of the Center for Information Technology and Society. Finally, he is running the STKO Lab which investigates the role of space and time for knowledge organization.