

KEYNOTE TALK
Tuesday, December 9, 2014
8:30 AM – 9:30 AM / Ballroom 5

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Visualization and Visual Analytics in Personal Life

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Abstract

For each and every one of us as individuals, "big data" impinges on our personal lives as well as our professional lives. This includes managing our social networks, our music libraries, and our photo collections, and tracking our fitness, health, and sustainability behaviour. Using Visualization and Visual Analytics tools within our personal context offers substantial opportunity for us as individuals to gain insight and knowledge about ourselves and our communities. However, designing tools to support the analysis of data in one's non-professional life brings a unique set of research and design challenges. Personal Visualization and Personal Visual Analytics extend research in visualization and visual analytics to the personal domain and aim to empower individuals to develop insights and discover knowledge relevant to their personal lives. In this talk, I will explore some of the new research challenges that arise when we consider visualization and visual analytics in a personal context.



Speaker Bio-Sketch: Melanie Tory is an Associate Professor of Computer Science at the University of Victoria, where she conducts research in visualization and visual analytics. Tory received the Ph.D. degree in Computing Science from Simon Fraser University in 2004 and held an NSERC PDF at the University of British Columbia from 2004-2006. Her research applies to a wide variety of areas spanning natural sciences and engineering, business, and personal informatics; for example, recent projects have focused on the domains of Business Intelligence and Building Design Engineering. Tory actively contributes to the visualization research community. She is Papers Co-chair for IEEE InfoVis 2014-15.