

CARREFOUR DE L'INNOVATION



CONFÉRENCIER

Kevin Stanley, PhD

Biographie :

Kevin Stanley is an Associate Professor in, and Head of the Department of Computer Science at the University of Saskatchewan. He received his PhD in Engineering from Simon Fraser University in 2005. His background is in sensors and sensor systems, and his current research interests focus on data analytics, particular of sensed data. His interest in sensor data has allowed him to publish widely, from fuel cells to microfossils, from computer games to computer networks, from information theory to public health. He is currently a co-investigator on CIHR funded research investigating the role of cityscapes on health using smartphones and sensors, a co-lead on a CFREF funded research program seeking to automate crop phenomics, a co-investigator on an NSERC CREATE funded project on game user research, and his own Discovery Grant funded research on the role of information theory in feature selection.

Better data analytics for human health behaviour

La conférence sera présentée en anglais

Résumé :

While modern sensing systems like GPS have revolutionized the ability of geographers, anthropologists and public health researchers to collect large volumes of accurate data on populations of interest, those data do not align well with traditional analysis techniques in those disciplines. New analytical approaches which leverage the volume and veracity of these data in a format that is legible to a broader audience are required. This talk will outline the process of gathering diverse geo and health databases and outline current and future work on creating novel measures and metrics of this data.

Le jeudi 23 novembre de 12 h 00 à 13 h 30

CENTRE DE RECHERCHE DU CHUM

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