



CALL FOR PAPERS

ICCHD 2020
Jul 16-17, 2020
Toronto, Canada

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICCHD 2020 : International Conference on Characterization of Healthcare Data is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Characterization of Healthcare Data. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

Fusing, interpretation and interactive visualization of health and wellness data.
Multimedia for the self-monitoring and self-management of personal health
Complex health monitoring from heterogeneous data streams
Eye-movements and mental commands for impaired persons
Brain computer interfaces and multimedia analysis.
Multimedia in health behavior change technology
Long term health monitoring beyond health behavior change
Multimedia in personal health records
Making sense of personal multimedia data for health
Multimedia activity monitoring of health related daily activities

Health related event detection in large data collections
Statistical analysis and characterization of healthcare data
Text mining - mining free text in electronic medical records
Visual analysis and exploration of longitudinal clinical trial data
Medical information search techniques
Data quality assessment and improvement: preprocessing, cleaning, missing data treatment etc.
Pattern detection and hypothesis generation from observational data
Smart health and big data
Natural language processing and text mining techniques for health data mining
Personal health apps, wearable and sensor data integration with traditional medical data