Call for Papers

WWW 2017 Computational Health Track

We invite research contributions for the 26th World Wide Web Conference (WWW) Computational Health Track, to be held April 3-7, 2017 in Perth, Australia (http://www2017.com.au).

Health and medicine are increasingly searched for, tracked, and delivered via digital means. One of the primary among these is the Internet. This represents opportunities to improve our health and the delivery of medicine, for example, by learning about aspects of people's health that are difficult to otherwise track, by facilitating rapid collection and dissemination of time-critical medical data, and by providing novel interventions to improve health.

The newly-introduced health track at WWW 2017 seeks to bring together advances in computer science with direct benefits to the medical and public health domains. The health track places a special emphasis on research with clear relevance to people's health or health systems.

Papers submitted to the Computational Health track are expected to contain significant advances in computer science (machine learning, information retrieval, data mining, optimization, etc.) as well as in medicine or public health, or present a novel solution to a health problem enabled by computer science.

Topics of interest consist of four main themes:

Public health
- Disease detection and tracking
- Epidemiology
- Response to health emergencies
- Supporting public health policy decisions
- Health risk modeling and forecasting
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Improvement of personal well-being through the Web
- Online health communities
- Identification of individual health status
- Online interventions
- Personal health monitoring
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Mobile health:
- Wearable sensors
- Affective computing
- Personal care programs
- Quantified self
- Behavioural monitoring and behavioural change

Care delivery through the Web

Track Chairs
Contact: health-www-2017@googlegroups.com

- John Brownstein (Boston Children's Hospital and Harvard Medical School)
- Elad Yom-Tov (Microsoft Research)
- Ciro Cattuto (ISI Foundation)