Friday 9 February 2018
8h45 – 9h45
UT3 Paul Sabatier, IRIT, Auditorium J. Herbrand

William R. HERSH
Oregon Health & Science University (OHSU) (Etats-Unis)

Thematic Semester LabEx CIMI on Mathematic and Computer Science in Biology: Opportunities and challenges of using clinical data, including that from the electronic health record

Abstract: IR Meets EHR: Retrieving Patient Cohorts for Clinical Research Studies
The growing amount of patient data in electronic health record (EHR) systems provides opportunity for clinical research and other tasks. This talk describes efforts applying techniques of information retrieval (IR) to identify patients who might be candidates for clinical research studies. It also discusses challenges for this sort of task, namely the challenges for using data generated for documenting patient care as well as maintaining its privacy.

Short bio: William Hersh is Professor and Chair of the Department of Medical Informatics & Clinical Epidemiology in the School of Medicine at Oregon Health & Science University (OHSU) in Portland, Oregon, USA. Dr. Hersh is a leader and innovator in biomedical informatics both in education and research. In education, he serves as Director of OHSU's Biomedical Informatics Graduate Program. Dr. Hersh also spearheaded OHSU's efforts in distance learning for biomedical informatics. Dr. Hersh has made many contributions in research, focused mainly in the area of information retrieval (IR). His recent work has focused on use of IR techniques to identify patient cohorts for clinical research studies.

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