

Biomedical and Health Informatics Lecture Series

Tuesday, May 5, 2009
12:00 - 12:50 p.m., Room T-498

Imre Solti, MD, PhD

National Library of Medicine Postdoctoral Fellow
Division of Biomedical and Health Informatics
Department of Medical Education, University of Washington

"Automated Classification of Chest X-Ray Reports Using Natural Language Processing"

We will look at an example of how Natural Language Processing could help in automating a classification task in the clinical domain.

Dr. Solti received his medical degree at the Albert Szent-Gyorgyi Medical University, Szeged, Hungary in 1992. During 1996-1998 he was a PhD student at the Medical College of Virginia, Virginia Commonwealth University, Richmond, Virginia. From 1998 to 2006 he worked full time outside of the academic world as a Linux system administrator. In 2006 he graduated from the doctoral program with a PhD in Health Services Organization and Research. In his dissertation he studied the organizational, financial and market environmental aspects of Computerized Physician Order Entry adoption using Leapfrog data. He started his NLM postdoctoral fellowship in July 2007 at the University of Washington. His research area is Natural Language Processing of free text in the electronic medical record.