



Program

Times	Events
08:00 – 08:45	Registration
08:45 – 09:00	Opening ceremony
09:00 – 10:00	Keynote speaker: Dmitri Chklovskii, PhD. <i>Biologically inspired machine learning.</i>
10:00 – 10:30	Oral presentation: César Aguilar and Olga Acosta. <i>Design of a Extraction System for Definitional Contexts from Biomedical Corpora.</i>
10:30 – 11:00	Coffee Break
11:00 – 11:30	Oral presentation: Sylvester Olubolu Orimaye, Jojo Sze-Meng Wong and Judyanne Sharmini Gilbert Fernandez. <i>Deep-Deep Neural Network Language Models for Predicting Mild Cognitive Impairment.</i>
11:30 – 12:00	Oral presentation: Ricardo Souza Jacomini, David Correa Martins-Jr, Felipe Leno Da Silva and Anna Helena Reali Costa. <i>A Framework for Scalable Inference of Temporal Gene Regulatory Networks based on Clustering and Multivariate Analysis.</i>
12:00 – 12:30	Highlight presentation: Sabeur Aridhi, Haitham Sghaier, Manel Zoghلامي, Mondher Maddouri and Engelbert Mephu Nguifo. <i>Prediction of ionizing radiation resistance in bacteria using a multiple instance learning model.</i>
12:30 – 14:00	Lunch
14:00 – 14:40	Invited Speaker: Laxmi Parida, PhD. <i>Watson for Genomics: a cognitive approach to clinical oncology.</i>
14:40 – 15:10	Oral presentation: Sidak Pal Singh, Sopan Khosla, Sajal Rustagi, Manisha Patel and Dhaval Patel. <i>SL-FII: Syntactic and Lexical Constraints with Frequency based Iterative Improvement for Disease Mention Recognition in News Headlines.</i>
15:10 – 15:45	Oral presentation: Michael Benedikt, Rodrigo Lopez-Serrano and Efthymia Tsamoura. <i>Biological Web Services: Integration, Optimization, and Reasoning.</i>
15:40 – 16:00	Coffee Break
16:00 – 16:30	Oral presentation: Samuel Sloate, Vincent Hsiao, Nina Charness, Ethan Lowman, Christopher J. Maxey, Sam Guannan Ren, Nathan Fields and Leora Morgenstern. <i>Extracting Protein-Reaction Information from Tables of Unpredictable Format and Content in the Molecular Biology Literature.</i>
16:30 – 17:10	Invited Speaker: Achille Fokoue. <i>Tiresias: A system for predicting Drug-Drug Interactions Through Similarity-Based Link Prediction.</i>
17:10 – 17:30	Closing session