

## IEEE BigData 2013: Big Data in Bioinformatics and Health Care Informatics

| Start time | End Time | Event                    | Speaker   | Title of Talk  |
|------------|----------|--------------------------|---|--|
| 8:30       | 8:40     | Introduction             | Workshop Chairs   |  |
| 8:40       | 9:40     | <b>Keynote Speech</b>    | <b>Dr. Belinda Seto, Deputy Director, NIBIB, NIH</b>  | <b>TBA</b>   |
| 9:40       | 10:00    | Paper Presentation       | M. Bochicchio, L. Vaira, A. Longo, A. Malvasi and A. Tinelli, U. Salento, Italy   | <i>Multi-dimensional Analysis of Fetal Growth Curves</i>   |
| 10:00      | 10:20    | Coffee Break             |   |  |
| 10:20      | 11:05    | Invited Talk             | Dr. Ida Sim, UC San Francisco   | Bias and Confounding in Big Data for Healthcare  |
| 11:05      | 11:25    | Paper Presentation       | K. Zolfaghar, N. Meadam, A. Teredesai, S. B. Roy, S-C Chin and B. Muckian, U. Washington, Tacoma and Multicare Health Systems | <i>Big Data Solutions for Predicting Risk-of-Readmission for Congestive Heart Failure Patients.</i>        |
| 11:25      | 12:10    | Health Informatics Panel |   |  |
| 12:10      | 13:30    | Lunch Break              |   |  |
| 13:30      | 14:15    | Invited Talk             | Dr. Mark Musen, Stanford University   | Big Data for Big Data: Metadata to Manage Access and Analysis of Large Biomedical Datasets                 |
| 14:15      | 14:35    | Paper Presentation       | R. Al-Bahrani, A. Agrawal and A. Choudhary, Northwestern Univ.  | <i>Colon cancer survival prediction using ensemble data mining on SEER data</i>                            |
| 14:35      | 14:55    | Paper Presentation       | X. Chen, H. Chen, N. Zhang, J. Chen and Z. Wu, Zhejiang Univ, China   | <i>OWL Reasoning over Big Biomedical Data</i>  |
| 14:55      | 15:15    | Paper Presentation       | A. Agrawal, R. Al-Bahrani, M. J. Russo, J. Raman and A. Choudhary, Northwestern Univ.   | <i>Lung Transplant Outcome Prediction using UNOS Data</i>  |
| 15:15      | 15:35    | Paper Presentation       | M. Park, H. Sampathkumar, B. Luo, and X-W Chen, Univ. Kansas  | <i>Content-based assessment of the credibility of online healthcare information</i>                        |
| 15:40      | 16:00    | Coffee Break             |   |  |
| 16:00      | 16:20    | Paper Presentation       | S. Hayashi and K.Taura, University of Tokyo   | <i>Parallel and Memory-efficient Burrows-Wheeler Transform</i>   |
| 16:20      | 16:40    | Paper Presentation       | A. S. Hall and J. Huan, Univ. Kansas  | <i>KUChemBio: A database of computational chemical biology datasets hosted at the University of Kansas</i> |
| 16:40      | 16:50    | Industrial Presentation  | R. Bhardwaj, A. Sethi, R. Vargheese and R. Nambiar, Cisco   | <i>A look at challenges and opportunities of big data analytics in healthcare</i>                          |
| 16:50      | 17:00    | Industrial Presentation  | C. Seebode, M. Ort, M. Peuker and C. Regenbrecht, Ortec Biomedical  | <i>BIG DATA Infrastructures for Pharmaceutical Research</i>  |
| 17:00      | 17:10    | Industrial Presentation  | Dr. Shipeng Yu, Siemens   | TBA  |
| 17:10      | 17:55    | Bioinformatics Panel     |   |  |