Fourth Bioinformatics & Systems Biology Expo

Friday, March 2nd 2012
Powell-Focht Bioengineering Hall, Fung Auditorium
Reception- CalIT^2 Atkinson Hall Lobby Area

Website: http://bluegene.ucsd.edu/bexpo04/Introduction.html

Time	
08:00-09:00	**Breakfast & Poster set up**
09:00-09:20	**Opening remarks by Directors Alexander Hoffmann and Pavel Pevzner**
09:20-10:40	**Session I: Student/Faculty Talks**
9:20-10:00	**"Integrative analyses of RNA binding proteins and their targets"** Dr. Gene Yeo, Assistant Professor of Cellular and Molecular Medicine
10:00-10:20	**"Post-translational modification discovery and validation"** June Snedecor
10:20-10:40	**"Multiscale platform for coordinating cellular activity using synthetic biology"** Phil Samayoa
10:40-11:00	**Coffee break**
11:00-12:20	**Session II: Student/Faculty Talks**
11:00-11:40	**"Structural variation in genomes"** Dr. Vineet Bafna, Professor of Computer Science
11:40-12:00	**"Model-based approach to identify topological domains in the mouse genome"** Siddarth Selvaraj
12:00-12:20	**"Early Detection of tumor cells with sequencing"** Anand Patel
12:20-2:20	**Lunch and Poster Section (outside Fung Auditorium)**
2:20-3:40	**Session III: Student/Faculty Talks**
2:20-3:00	**"BioMedical Informatics at UCSD: Intersection of Biology, Computer Science, and Healthcare"** Dr. Lucila Ohno-Machado, Professor of Biomedical Informatics
3:00-3:20	**"HIV-1 antibody epitope prediction for real-time computational surveillance of antibody resistance"** Lance Hepler
3:20-3:40	**"A cell-based screen for finding regulators of ciliogenesis and cell cycle"** Eric Scott
3:40-4:00	**Coffee break**
4:00-5:20	**Session IV: Student/Faculty Talks**
4:00-4:40	**"Charting the Genome's Landscape"** Dr. Bing Ren, Professor of Cellular and Molecular Medicine
4:40-5:00	**"Therm-uh-toe-guh mare-ih-team-uh: Breaking it down into bite-sized pieces"** Joshua Lerman
5:00-5:20	**Transgenerational epigenetic instability in Arabidopsis thaliana"** Matt Schultz
5:20-5:30	**Closing Remarks**
5:30-7:00	**Catered Reception – Atkinson Hall Lobby Area**

Name Badges are required for food. For more information, please contact Kelly Thorpe at (858) 534-7538 or kthorpe@eng.ucsd.edu

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