

Program for AFP/CAFA 2011 July 15-16 2011, Vienna

Time	Speaker	Title
Day 1		
9:00-9:10		Opening remarks
9:10-9:50	Keynote: Janet Thornton	Enzyme Reactions: Automated approaches for Classification and Searching
9:50-10:10	Yiannis Kourmpetis	Network based protein function prediction using Bayesian Markov Random Fields
10:10-10:30	Tobias Hamp	Nearest-Neighbor Approaches to Predict Protein Function by Homology Inference Alone
10:30-11:00	Break	
11:00-11:20	Jesse Gillis	A Gene Function Prediction Competition Post-mortem
11:20-11:40	Meghana Chitale	Function Prediction for Systems Level: Functional Coherence of Protein Groups and Identification of Missing Genes
11:40-12:00	Yanay Ofran	Conservation of Protein Function is Reflected More by Short Sequence Motifs than by Sequence Similarity
12:00-12:20	Iddo Friedberg	Context based function prediction in metagenomic data
12:20-1:30	Lunch	
1:30-2:10	Keynote: David Jones	Protein function prediction by massive integration of evolutionary analyses and multiple data sources
2:10-2:50	Lightning talks	Julian Gough, Aaron Wong, Jeffrey Yunes, Mary Jo Ondrechen
2:50-4:00	Break & Poster Session	
4:00-4:20	Mark Wass	3DLigandSite: Predicting ligand binding sites using similar structures
4:20-4:40	Patrik Koskinen	PANNZER - A high- throughput tool for functional annotation
4:40-5:00	Olivier Lichtarge	Integrative Approaches to Function Prediction: Case Controls
5:00-5:40	Keynote: Amos Bairoch	TBA

Time	Speaker	Title
Day 2		
8:30-8:50	Iddo Friedberg	Introduction to CAFA
8:50-9:15	Predrag Radivojac	CAFA Assessment I
9:15-9:40	Sean Mooney	CAFA Assessment II
9:40-10:00	Artem Sokolov	Combining Heterogeneous Data Sources for Protein Function Prediction
10:00-10:20	Christine Orengo	TBA
10:20-10:45	Break	
10:45-11:15	Lightning talks: Hagit Shatkay, Michael Tress, Shaneka Simmons	
11:15-1:30	Lunch and poster session	
1:30-2:20	Panel Discussion "The future of CAFA" Amos Bairoch, Steven E. Brenner, Simon Kasif and Yanay Ofran	
2:20-2:40	CAFA talk	TBA
2:40-3:00	CAFA talk	TBA
3:00-3:20	Maria Martin	Automatic Annotation in UniProtKB
3:20-4:00	Break	
4:00-4:20	Nemanja Djuric	Protein Function Prediction by Integrating Different Data Sources
4:20-4:40	Trevor Newell	Protein Sequence Annotation Using Classificatory Decomposition
4:40-5:00	Wyatt Clark	Testing the ortholog conjecture with comparative functional genomic data from mammals
5:00-5:20	Ian Holmes	Continuous-time Markov chains for evolution of ontology term associations
5:20-5:30	CAFA AWARDS	
5:30-6:10	Keynote: Simon Kasif	Computational Bridges to Experiments (COMBEX): an Active Learning Perspective