

Summer School on Bioinformatics and Comparative Genomics - St Andrews, 15-17 (conference on 18) August 2009

All events will be in the Bute Building unless otherwise indicated

PROGRAMME

	Time	Saturday 15/8	Sunday 16/8	Monday 17/8	Tuesday 18/8
<i>Morning Schedule</i>	09:00-09:30	Arrival and registration, arrive at Door C			Bute Building (Door A)
	09:30-10:00	Introduction & Basics: Chris Janssen & Daniel Barker (<i>staff and student introductions; introduction to statistics; introduction to bioinformatics databases; Linux</i>)	Neil Hall and Alistair Darby (<i>Whole genome alignment of microbial genomes</i>)	Geoff Barton and Jim Procter (<i>Protein Sequence Analysis and Secondary Structure Prediction with Jalview</i>)	CONFERENCE
	10:00-10:30				(attendance FREE for summer school participants)
	10:30-11:00		Details: http://www.sbforum.org/events.php?e_id=70		
	11:00-11:30		Daniel Barker (<i>Phylogeny Reconstruction 1</i>)	Students present group work	
11:30-12:00					
<i>Lunch</i>	12:00-12:30	Bell Pettigrew Museum, Bute Building (Door C)			
	12:30-13:00	----- lunch -----			
<i>Afternoon Schedule</i>	13:00-13:30	Zemin Ning (<i>Sequence Alignment and Genome Assembly</i>)	Daniel Barker (<i>Phylogeny 2; MAFFT, ModelGenerator, PHYML, Treefinder, Dendroscope</i>)	David Martin (<i>Predicting Protein Function</i>)	
	13:30-14:00		Ziheng Yang (<i>Detection of Darwinian Selection from Genomic Comparisons; PAML</i>)		
	14:00-14:30				
	14:30-15:00				
	15:00-15:30	Student group work: 6 groups, each to plan how to solve a problem in comparative genomics		Speakers' Corner	
	15:30-16:00	Bell Pettigrew Museum, Bute Building (Door C)			
	16:00-16:30	----- tea/coffee break -----			
	16:30-17:00	Ian Korf (<i>Hidden Markov Models</i>)	Dannie Durand (<i>Phylogenomics; NOTUNG</i>)	David Ferrier (<i>Pulling (some) things together</i>)	
17:00-17:30					
17:30-18:00					
<i>Evening Schedule</i>	18:00-18:30	----- dinner -----			
	18:30-19:00		Ian Korf (<i>Perl Programming 2</i>)	Speakers' dinner in Links Clubhouse - pre booking essential (For speakers at either event; plus students, attendees and guests at extra cost to them)	buffet food and drink after conference
	19:00-19:30				
	19:30-20:00	Ian Korf (<i>Perl Programming 1</i>)			
	20:00-20:30				
	20:30-21:00				
	21:00-21:30	Students continue group work	BBQ in Bute West Garden		
21:30-22:00					