



Evolutionary Roles of Transposable Elements The Science and the Philosophy

University Club, Dalhousie University

Saturday, October 20

8:45 - 9:00	Introduction	
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9:00 - 9:30	Ryan Gregory	Junk DNA, genome size, and the onion test.
9:30 - 9:45	Discussion	
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9:45 - 10:15	Stefan Linquist	Four decades debating junk DNA and the Phenotype Paradigm is (somehow) alive and well.
10:15 - 10:30	Discussion	
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10:30 - 10:45	Short break	
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10:45 - 11:15	Chris Ponting	90.8-92.9% of the human genome evolved neutrally.
11:15 - 11:30	Discussion	
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11:30 - 12:00	Paul Griffiths	Both adaptation and adaptivity are relevant to diagnosing function.
12:00 - 12:15	Discussion	
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12:15 - 1:45	Lunch	
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1:45 - 2:15	Ford Doolittle	Selfish genes and selfish DNA: is there a difference?
2:15 - 2:30	Discussion	
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2:30 - 3:00	Justin Garson	Biological functions, the liberality problem, and transposable elements.
3:00 - 3:15	Discussion	
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3:15 - 3:30	Short break	
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3:30 - 4:00	Joyce Havstad	Evolutionary Thinking about Critique of Function Talk.
4:00 - 4:15	Discussion	
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Sunday, October 21

9:00 - 9:30 Guillaume Bourque **Impact of transposable elements on human gene regulatory networks.**

9:30 - 9:45 Discussion

9:45 - 10:15 Ulrich Stegman **On parity, genetic causation and coding.**

10:15 - 10:30 Discussion

10:30 - 10:45 **Short break**

10:45 - 11:15 Steven Downes **Understanding non-coding variants as disease risk alleles.**

11:15 - 11:30 Discussion

11:30 - 12:00 Alexander Palazzo **How nuclear retention and cytoplasmic export of RNAs reduces the deleteriousness of junk DNA.**

12:00 - 12:15 Discussion

12:15 - 1:45 **Lunch**

1:45 - 2:15 David Haig ***Pax somatica.***

2:15 - 2:30 Discussion

2:30 - 3:00 Cedric Feschotte **Transposable elements as catalysts of genome evolution.**

3:00 - 3:15 Discussion

3:15 - 3:30 **Short break**

3:30 - 5:00 **General discussion / planning**

For more Info: http://biophilosophy.ca/transposon_workshop.html



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