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## Seminar 2016

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### Systematic genome editing enables the identification of order within gene networks



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Genome editing provides a powerful tool to identify gene function and to characterize genetic interactions. This talk presents a theoretical framework to determine how genes and signals influence one another. It is shown how this framework enables the unbiased inference of causality and order within gene networks from quantitative genetic interaction data. Such methods will become increasingly important as genome editing technologies transition from single genes to large-scale systematic analyses.

**Friday May 13, 2016**  
**2:30 PM**  
**Laufer Center Lecture Hall 101**  
*Host: Gabor Balazsi*  
Refreshments following seminar