

[Some solved and unsolved problems in computational genomics](#)

Speaker: Lior Pachter

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Title: Some solved and unsolved problems in computational genomics

Abstract: I will review some of the recent breakthroughs in single-cell genomics, with a view towards some of the fundamental underlying computational challenges and opportunities. I will specifically focus on the interplay between experiment and computation, and how these inform each other in terms of understanding biology from large-scale measurements of the molecular states of single-cells. The work I will discuss is joint with Sina Boeshaghi, Nicolas Bray, Jase, Gehring, Shannon Hateley, Lambda Lu, Páll Melsted, Vasilis Ntranos, Harold Pimentel, and Lynn Yi.