

Talk: Flocks of trees: Reconstructing evolutionary histories from genomic data

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Abstract:

Reconstructions of phylogenetic relationships are the foundation of understanding trait evolution. The genomic revolution has transformed our ability to reconstruct evolutionary relationships, resulting in many confidently resolved relationships -- but also widespread discovery of phylogenetic conflict across the tree of life. I will outline some of the successes and challenges from phylogenomic work on various animal taxa and on one of the most challenging groups, the phylogeny of modern birds.