

SFB 680

MOLECULAR BASIS OF
EVOLUTIONARY INNOVATIONS

Mike Steel

Biomathematics Research Centre,
University of Canterbury, Christchurch, New Zealand

What can probability theory tell us about life's past – and future?

Stochastic models are central to the study of evolutionary processes in biology. In this talk, I describe some recent applications of probabilistic modeling to questions in the past – namely, the estimation of ancestral states within an evolutionary tree of species, and the reconstruction of such trees – to questions in the future – namely, how much 'evolutionary heritage' might be lost under simple 'field of bullets' models of extinction.

July 2, 12:00 am

Institute for Genetics, Zülpicher Str. 47a, Lecture Hall 4th Floor

Host: Thomas Wiehe

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