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## 5th Probabilistic Modeling in Genomics meeting (ProbGen19), Oct 6-9, 2019

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Dear Colleagues,

We are pleased to announce the 5th Probabilistic Modeling in Genomics meeting (ProbGen19), to be held in Aussois, in the French Alps, Oct 6-9, 2019 ().

The goal of this meeting is to cover a wide variety of topics in genomics, ranging from population genomics to systems biology and cancer genomics, with a particular focus on the use of novel mathematical and computational models and inference methods to address timely and important biological questions. What makes the meeting special, in our view, is that it has substantial mathematical and theoretical depth yet remains well grounded in the practical and scientific concerns of modern genomics. We invite abstract submissions on a range of topics including functional genomics, molecular evolution, phylogenetics, epidemiology, methods for genome-wide association studies, quantitative genetics, etc

We will have three keynote speakers:

Barbara Engelhardt (Princeton University)

Gil McVean (Big Data Institute, University of Oxford)

Caroline Colijn (Simon Fraser University, Vancouver)

Alongside invited speakers, oral presentations will be selected from submitted abstracts. We particularly encourage abstract submissions from junior investigators, including postdoctoral fellows and graduate students. A few grants will be available for students and postdocs.

Best wishes and hope to see some of you at the meeting,

Organizing committee: Laurent Duret, Michael Blum, Nicolas Lartillot & Franck Picard

ProbGen steering committee: Thomas Bataillon, Richard Durbin, Barbara Engelhardt, Anders Krogh, Gerton Lunter, Molly Przeworski, Adam Siepel, Yun S. Song