November 23: Konstanze Rietsch (King's College and University of Waterloo), "Mirror families for flag varieties G/P and the Peterson variety." FOLLOWED BY DINNER.

We give a Lie-theoretic construction of a conjectural mirror family in the sense of Givental to a general flag variety G/P, and show that this mirror family recovers the Peterson variety presentation for the quantum cohomology rings $qH^*(G/P)_{(q)}$.