

**Title: Liquid Surface Fluctuations and Chemical Reactivity**

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Chemical reactions that take place at liquid interfaces in general, and at the interface between water and an immiscible liquid in particular, are important for several technological applications such as phase transfer catalysis, and are fundamentally interesting because of the unique character of the interface. In this talk, I will focus on the coupling of the reaction coordinate to liquid surface fluctuations, which produces interesting structural and dynamical effects.