**February 22:** Xinwen Zhu (Harvard), “Every flat bundle on the punctured disc has an oper structure.” Followed by dinner.

Let $G$ be a complex reductive group. A $G$-oper on a complex curve is a $G$-(de Rham) local system on it with a reduction of the underlying $G$-bundle to the Borel satisfying certain conditions. It is known that not every $G$-local system on a complete curve has an oper structure. I will show, on the contrary, that every $G$-local system on the punctured disc admits an oper structure. This result plays an important role in a version of local geometrical Langlands correspondence proposal by Frenkel and Gaitsgory. This is a joint work with Edward Frenkel.