

Let  $\mathfrak{g}$  be a complex simple Lie algebra,  $G$  be a complex algebraic group with Lie algebra  $\mathfrak{g}$ , and  $G^{\vee}$  be the Langlands dual of  $G$ . In the context of the local geometric Langlands correspondence, an important result by Frenkel and Gaitsgory produces an equivalence between two categories of different nature. They show that quasi-coherent sheaves on the spaces of certain  $(G^{\vee})$ -local systems on the formal disc (with one possible singularity at the origin) are the same as representations of an appropriate affine Lie algebra constructed from  $\mathfrak{g}$ . After having discussed the statement and its importance, we will study a conjectural extension of their result to opers with multiple singular points. The talk is based on joint work(s) with G. Fortuna, D. Lombardo, and A. Maffei.