$\overline{ \textbf{MATTHEW RUPERT}}, \text{-University of Alberta } \\ Logarithmic Hopf Link Invariants for $\overline{U}_q^H(\mathfrak{sl}(2))$$

Little is known about Vertex Operator Algebras (VOAs) which are neither C_2 -cofinite nor rational, and most of the work on such VOAs has been focused on specific examples such as the Singlet. It is thought that the representation categories for the Singlet and the unrolled restricted quantum group associated to $\mathfrak{sl}(2)$, $\overline{U}_q^H(\mathfrak{sl}(2))$, are closely related. In this talk I will provide an overview of the relationships between these categories and present results on the representation category of $\overline{U}_q^H(\mathfrak{sl}(2))$. In particular, I will demonstrate an efficient method for computing open Hopf links and Alexander invariants colored with projective modules via families of deformable modules.