Intuitionistic modalities through proof theory

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Intuitionistic modal logic, despite more than seventy years of investigation, [5], still partly escapes our comprehension. Structural proof theoretic accounts of intuitionistic modal logic have adopted either the paradigm of *labelled deduction* in the form of labelled natural deduction and sequent systems [7], or the one of *unlabelled deduction* in the form of sequent [2] or nested sequent systems [8, 1]. Both of these approaches are still under active consideration. In this talk, I would like to give an overview of the current landscape of intuitionistic modal proof theory and survey some of the more recent developments [3, 4, 6].

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