On the logic of truth

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Carlo Nicolai and Volker Halbach have recently added to our insight in the relation between the inner logic of the Kripke-Feferman theory of truth (KF) and the formalisation of Kripke's truth theory in partial (Strong Kleene) logic. In my talk, which is work in progress and joint work with Martin Fischer (University of München), I make some additional proof-theoretic observations on this subject, and relate them to the philosophical question of the price in mathematical strength that one has to pay when one deviates from classical logic in one's formal theory of truth.