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Title: *On the slice-ribbon conjecture for Montesinos knots*

Abstract: The slice-ribbon conjecture states that a knot in $S^3 = \partial D^4$ is the boundary of an embedded disc in D^4 if and only if it bounds a disc in S^3 which has only ribbon singularities. In this seminar we will prove the conjecture for a family of Montesinos knots. The proof is based on Donaldson's diagonalization theorem for definite four manifolds.