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Freely Slice Good Boundary Links

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Abstract: The still open topological surgery conjecture for 4-manifolds is equivalent to the statement that all good boundary links are freely slice. In this talk, I will show that every good boundary link with a pair of derivative links on a Seifert surface satisfying a homotopically trivial plus assumption is freely slice.

This subsumes all previously known methods for freely slicing good boundary links with two or more components, and provides new freely slice links. This is joint work with Jae Choon Cha and Mark Powell.

Date: Monday, 29 July 2019
Time: 2:00 p.m. – 3:00 p.m.
Venue: Rm 222, Lady Shaw Building, The Chinese University of Hong Kong, Shatin

All are Welcome!