

Speaker: **Teragaito, Masakazu**

Title: *Dehn surgeries creating Klein bottles and genera of knots*

Authors: Kazuhiro Ichihara and Masakazu Teragaito

Affiliations: Hiroshima University

Abstract: We study the creation of Klein bottles by surgery on knots in the 3-sphere. For non-cabled knots, it is known that the slope corresponding to such surgery is an integer. We give an upper bound for the slopes yielding Klein bottles in terms of the genera of knots.