Geometry, Groups and Dynamics/GEAR Seminar
(held at the Illinois hub of GEAR)

12:00 pm, Thursday, April 18, 2019, 243 Altgeld Hall
Jean-Pierre Mutanguha (University of Arkansas)
Immersions and Laminations on Free Groups

Abstract: Using pullbacks, we proved that mapping tori of graph immersions have word-hyperbolic fundamental groups if and only if they have no Baumslag-Solitar subgroups. We will then use laminations to describe an efficient algorithm that determines whether such groups are word-hyperbolic.