

Math and Stat Colloquium

Thursday, Oct. 11

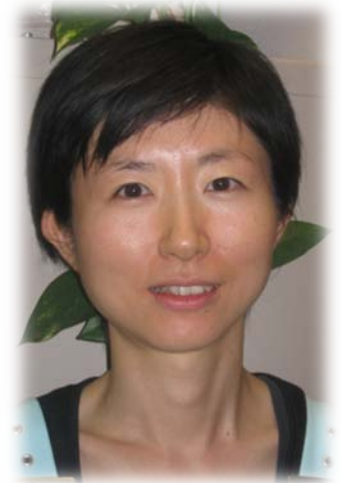
3:30 p.m. Main 304

Refreshments will be served in the Animal Science Lounge at 3 p.m.

Speaker:

Keiko Kawamuro

University of Iowa



“Open Book Foliation and Its Applications”

Abstract: Any closed 3 manifold admits open book decompositions. In this talk, given a surface in a 3 manifold, we introduce a singular foliation on the surface associated to an open book decomposition. Studying such foliation we extract topological/geometric and contact geometric information of the ambient 3 manifold. This is joint work with Tetsuya Ito (UBC).