



UNIVERSITY OF CALIFORNIA RIVERSIDE

DEPARTMENT OF MATHEMATICS

COLLOQUIUM

Dr. Keiko Kawamuro
(University of Iowa)

"Open book foliation"

Abstract:

I will define the open book foliation which is related to the characteristic foliation in contact geometry. I apply techniques of the open book foliation to solve problems in contact geometry, including a new self-linking number formula and an alternative proof to Honda-Kazez-Matic's tightness criterion theorem. This is a joint work with Tetsuya Ito (University of Tokyo).

Wednesday, March 14th, 2011

Surge 284

4:10-5:00pm

Tea Time at 3:40pm