

Mathematics Graduate Seminar

First Speaker: Svea Mierach
Memorial University

Thursday, March 23, 2017
1:00p.m., HH-3017

Introduction to Categories

Abstract:

In this talk we will introduce the notion of categories and give some examples. We will define maps between categories, which are known as functors and give the definition of natural transformations. Finally we will explain the concept of equivalence categories.

Second Speaker: Subhendu Paul
Memorial University

Thursday, March 23, 2017
1:30p.m., HH-3017

Light harvesting in organic solar cell

Abstract:

Presently, organic photovoltaic cells are supposed to be played an important role as a source of alternative energy. These solar cells, a complex network of donor-acceptor systems, have taken wide attention because of their environment friendly behaviors. In this talk an introduction of the organic solar cell will be presented along with some techniques to increase its efficiency.