



PhD Position

A doctorate in Mathematics is to be obtained within three years beginning Sep 1, 2014 or later. We are looking for students with a master's degree in Mathematics or Physics and experiences in at least one of the following fields: Dynamical systems, complex networks, systems with time delays (programming skills required).

The IRTG offers fellowships, a structured and modern study, training and soft-skills program, including annual summer schools, workshops, dual supervision and a six-month PhD candidate exchange program in Sao Paulo, Brazil.

In this project we intend to study the behavior of coupled dynamical systems with time-delayed interactions. Such systems appear by the modeling of neuronal networks or interacting lasers. Our goal is to describe and control dynamical patterns appearing in such systems. The project is closely connected to the fields of applied mathematics and theoretical physics.

If interested please contact PD Dr. Serhiy Yanchuk at yanchuk@math.hu-berlin.de (attach CV, thesis, publications).

Your contact person:

PD Dr. Serhiy Yanchuk
Humboldt-Universität zu Berlin
Institut für Mathematik
Rudower Chaussee 25
12489 Berlin
Germany

E-Mail: yanchuk@math.hu-berlin.de