

# **Seminário em Engenharia Matemática**

Carla Pinto

## **Título:**

Coupled dynamical systems in engineering problems

## **Resumo:**

Networks of coupled cells may arise as models of electric circuits, animal and robot locomotion, speciation, visual perception, electric power grids, internet communication, and many others. In this talk we will review some of these models and show interesting dynamical features like chaos, synchronization, phase-locking, that can be observed in these models.