ERIC CYTRYNBAUM, Department of Mathematics, University of British Columbia, 1984 Mathematics Road, room 121
Connections between a 1D-spiral wave, fast and slow pulses

In this talk, I will discuss the dynamic properties of a novel unstable 1D spiral wave that sits on the boundary between the stable rest solution and the stable traveling pulse solution to the FHN equations. Some connections will be made to reflections, propagation failure and formation of spiral waves in inhomogeneous excitable media.