



SCUOLA
NORMALE
SUPERIORE

SEMINARIO DI MATEMATICA

Giovedì 5 novembre 2015
ore 14:00

Scuola Normale Superiore
Pisa
Aula Bianchi Scienze

Prof. Izumi Takagi
Tohoku University

Terrà un seminario dal titolo:

“Role of spatial heterogeneity in a reaction-diffusion system modelling biological pattern formation”

Abstract:

Reaction-diffusion systems are introduced to model spontaneous formation of spatial pattern from uniform states. However, in real biological systems, morphogenetic movements often take place in spatially heterogeneous environments. In this talk we study how spatial heterogeneity affects the location of concentration points for a single equation. Based on this knowledge we then consider to what extent we can control the location of concentration points in a two-component system.

Tutti gli interessati sono invitati a partecipare.

Classe di Scienze Matematiche e Naturali