

February  
22th  
2016

Venue:  
Graduate  
School of  
Science

Lecture Room  
A017

Hiroshima  
University

# *Symposium on “Spatio-temporal Pattern Formation under Nonequilibrium Conditions”*

Organizers: Satoshi Nakata and Hiraku Nishimori  
(Graduate School of Science, Hiroshima University)

10:00-10:30 Registration

10:30 Opening

Chair : Satoshi Nakata

10:40-11:25 Hidetoshi Miike (Yamaguchi University)

“Evolutionary pattern dynamics emerging in a reaction-diffusion-convection system”

13:00-13:45 Elliott Ginder (Hokkaido University)

“A mathematical approach to the modeling of interfacial active matter”

13:45-14:30 Jerzy Gorecki (Polish Academy of Sciences)

“Microfluidic devices as a tool for construction of chemical information processing devices”

Chair : Hiraku Nishimori

15:00-15:45 Flechsig Holger (Hiroshima University)

“Nonlinear relaxation in protein elastic networks and in silico design of synthetic polymer network structures using evolutionary optimization”

15:45-16:30 Yuichi Togashi (Hiroshima University)

“Small-number effects in reaction networks with enzymes”

16:30-17:15 Bogdan Nowakowski (Polish Academy of Sciences)

“Reaction-diffusion model for embryo morphogenesis”

In association with

JSPS Bilateral Joint Research Project between Japan and the Polish Academy of Sciences  
Chemical Society of Japan, Chugoku & Shikoku Branch

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