3rd Japanese-German Workshop
„Emerging Phenomena in Spatial Patterns“
Monday, September 22, 2014, Building 16, Room 154

Program

13:20 – 13:30  Opening

13:30 – 14:00  H. Miike, Y. Nagamine, A. Osa (Yamaguchi University)
               “Mechanism of Candle Flame Oscillation”

14:00 – 14:25  M. Suzuki, A. Osa, H. Miike (Yamaguchi U.)
               “A Simple Numerical Hydrodynamic Model for Multiphase Dynamics”

14:25 – 14:50  P. Dähmlow, V. Vanag, S.C. Müller
               “Electric Field Effects on Waves in a Microemulsion“

14:50 – 15:15  Y. Koyano (Chiba University)
               “Bifurcation Analysis on Motion of a Self-Propelled Particle confined in a Finite region”

15:15 – 15:45  F. Rietz
               “Title to be announced”

15:45 – 16:15  Coffee Break

16:15 – 16:45  T. Sakurai (Chiba University)
               “Onset of Pulse Generator by Heterogeneity in Coupled Excitable Elements“

               “FitzHugh-Nagumo Equation Can Describe Frequency Responses in Human Vision”
17:10 – 17:35  A. Bindler (U. Magdeburg)  
„Light Sensitivity in Chemical Waves with Specific Substrate“

17:35 – 18:00  H. Kitahata (Chiba U.)  
„Spontaneous Motion Driven by Surface Tension Gradient“

18:00 – 18:30  S. C. Müller (Magdeburg U.)  
„Some Historical Remarks and Outlook“

19:00  Dinner in Restaurant “Korfu“