

Fritz-Haber-Institut der Max-Planck-Gesellschaft

DFG-Sonderforschungsbereich 555 "Komplexe Nichtlineare Prozesse"

Fourth International Symposium

Engineering of Chemical Complexity

Berlin, June 7-9, 2006

Program and Organization: **G. Ertl, A. S. Mikhailov, H. H. Rotermund**

The aim of this meeting is to review current perspectives for design, manipulation and efficient control of self-organizing complex chemical systems, ranging from biotechnology and reactive nanostructures to macroscopic pattern formation in chemical reactors. Both experimental studies of such phenomena and their mathematical modeling will be discussed. Possible technological applications of self-organization phenomena shall be considered.

Invited Speakers

I. A. Aksay (Princeton, USA)

M. Bär (Berlin, Germany)

E. Bodenschatz (Göttingen, Germany)

M. Bonn (Amsterdam, Netherlands)

P. De Kepper (Bordeaux, France)

A. De Wit (Brussels, Belgium)

H. Engel (Berlin, Germany)

I. R. Epstein (Waltham, USA)

M. Falcke (Berlin, Germany)

B. Fiedler (Berlin, Germany)

J. L. Hudson (Charlottesville, USA)

R. Imbihl (Hannover, Germany)

R. Ismagilov (Chicago, USA)

R. E. Kapral (Toronto, Canada)

I. G. Kevrekidis (Princeton, USA)

H. Kitahata (Kyoto, Japan)

K. Krischer (München, Germany)

Y. Kuramoto (Sapporo, Japan)

J. Lauterbach (Newark, USA)

D. Luss (Houston, USA)

M. Marek (Prague, Czech Rep.)

Y. Nishiura (Sapporo, Japan)

F. Sagués (Barcelona, Spain)

K. Showalter (Morgantown, USA)

O. Steinbock (Tallahassee, USA)

U. Steiner (Cambridge, UK)

Q. Tran-Cong (Kyoto, Japan)

H. Yokoyama (Tsukuba, Japan)

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