



Vrije  
Universiteit  
Brussel



## 2009 International Solvay Chair in Chemistry Inaugural Lecture - Solvay Colloquium

“From Structure to Function: Chemistry in Transition”

### Professor Alexander S. Mikhailov

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#### Abstract



Traditional physical chemistry has been focused on explaining structural properties of individual chemical objects and elementary reaction events involving them. Today, we realize that this knowledge is far from sufficient to understand the known complex chemical systems. Not only in the realm of biology, but even for classical reactions of heterogeneous catalysis, emergence of coherent collective behavior – often yielding the ultimate function of a chemical system – is a process that needs to be understood. In this lecture, I provide a personal overview of the developments in studies of chemical self-organization phenomena in the last decades and discuss some trends of future research.

Tuesday 21 April 2009 at 16h00

COFFEE AND TEA WILL BE SERVED AT 15H45 IN FRONT OF THE SOLVAY ROOM  
DRINK AT 17H15 IN FRONT OF THE SOLVAY ROOM

« SALLE SOLVAY » - SOLVAY ROOM

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BOULEVARD DU TRIOMPHE - ACCESS 2

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