

Mikhail Sinev

Born: 31st May 1954, Moscow, Russia

Higher education:

1977, Military Academy of Chemical Defense (Chemical Engineering)

Scientific degrees:

1987, PhD (Candidate of Chemical Sciences) in Chemical Kinetics and Catalysis, thesis 'Mechanism and Kinetics of Methane Oxidative Coupling in the Presence of Oxide Catalysts', defended at Semenov Institute of Chemical Physics, Russian Academy of Sciences
2011, Doctor of Sciences in Physical Chemistry, thesis 'Reactions of Free Radicals in Catalytic Oxidation of Light Alkanes', defended at Semenov Institute of Chemical Physics, Russian Academy of Sciences

Scientific publications:

total – over 120; articles in peer reviewed journals – over 60; several patents

Employment:

1977–1983, State Research Institute of Chlorine Industry (Laboratory of Chemical Thermodynamics and Phase Equilibria)

1983–present time, Semenov Institute of Chemical Physics, Russian Academy of Sciences (Laboratory of Heterogeneous Catalysis)

Professional interests:

chemical kinetics, heterogeneous catalysis, solid state chemistry, supercritical fluids

Editorial board member / secretary executive:

3 scientific and technical journals (Kinetics and Catalysis, Russian Journal of Physical Chemistry, Supercritical Fluids – Theory and Practice)

Teaching:

Lecture course on Chemical Kinetics at Moscow Institute of Physics and Technology (State University)

Work abroad:

1989, 1992, visiting researcher, Institute of Kinetics and Catalysis, Sofia, Bulgaria

1991, visiting researcher, University of Liverpool, United Kingdom

1991–1992, visiting professor, Tokyo Institute of Technology, Japan

1995, visiting researcher, Ford Motor Company, Dearborn, MI, USA

1999, visiting researcher, Institute of Catalysis and Petrochemistry, Madrid, Spain

Invited lecturer:

2011, 2017, Technical University of Berlin, Fritz Haber Institute, Germany

2013, Jagiellonian University, Krakow, Poland

and several industrial companies and scientific conferences