



**The Fifth International Scientific Conference
“Advances in Synthesis and Complexing”
Moscow, Russia, 22-26 April 2019**

The Second Announcement

The Organizing Committee is pleased to invite you to participate in our event. **On-line registration, abstract submission and registration fee payment are available on the web-site: <http://www.conferencerudn.com>**

Confirmed Speakers:



Prof. Dr. Jean-Pierre Sauvage

*University of Strasbourg, France
Nobel Prize in Chemistry 2016 with J. Fraser
Stoddart and Ben Feringa*

Title: “From Chemical Topology to Molecular
Machines”

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| <p>Prof. Dr. Shuji Akai Osaka University, Japan Title: “New Methods for Benzyne Generation and Some Synthetic Applications”</p> | <p>Prof. Dr. Sergey M. Aldoshin Institute of Problems of Chemical Physics of the RAS, Russia Title: “New magnetic materials based on single molecule magnets”</p> |
| <p>Prof. Dr. Valentin P. Ananikov N.D. Zelinsky Institute of Organic Chemistry, Russia Title: “Dynamic catalytic systems for organic synthesis and sustainable development”</p> | <p>Prof. Dr. Saeed Balalaie K. N. Toosi University of Technology, Iran Title: “Post-Ugi Transformation of N-Substituted -2-alkyneamides for the Construction of Diverse Heterocyclic Scaffolds”</p> |
| <p>Prof. Dr. Luca Banfi University of Genova, Italy Title: “The combinatorial assembly of natural fragments to give natural-like products”</p> | <p>Prof. Dr. Jef De Brabander University of Texas Southwestern Medical Center, USA Title: “Natural Products: An Opportunity for Discovery”</p> |
| <p>Prof. Dr. Vladimir Gevorgyan University of Illinois at Chicago, USA Title: “Development of Novel C–H Functionalization Methodologies”</p> | <p>Prof. Dr. Karol Grela University of Warsaw, Poland Title: «Olefin Metathesis Macrocyclization at High Concentration and Other «Missions Impossible»</p> |
| <p>Prof. Dr. M. Fátima C. Guedes da Silva University of Lisbon, Portugal Title: “Coordination compounds with nitrogen/oxygen ligands: the role of hydrogen-bonding in their structure and properties”</p> | <p>Prof. Dr. A. Stephen K. Hashmi Heidelberg University, Germany Title: “Gold Catalysis: A Highly Versatile Tool for Synthesis”</p> |
| <p>Prof. Dr. Alexander Kirillov University of Lisbon, Portugal Title: “Functional Metal-Organic Architectures: from Design to Applications in Catalysis and Materials Chemistry”</p> | <p>Prof. Dr. Chao-Jun Li McGill University, Canada Title: “Exploration of New Reactivities for Synthetic Efficiency”</p> |
| <p>Prof. Dr. Benjamin List Max Planck Institut für Kohlenforschung, Germany Title: “Very Strong and Confined Acids Enable a General Approach to Asymmetric Lewis Acid Catalysis”</p> | <p>Prof. Dr. Rafael Luque Universidad de Córdoba, Spain Title: “Benign-by-design catalysis in Organic Chemistry for a more sustainable future”</p> |
| <p>Prof. Dr. Andrei V. Malkov Loughborough University, UK Title: “Catalytic Stereoselective Formation of C-C and C-N Bonds in Target-Oriented Synthesis”</p> | <p>Prof. Dr. Thomas J.J. Müller Düsseldorf University, Germany Title: “Multicomponent Syntheses of Quinoxalines – Aggregation Induced and Solvatochromic Emission”</p> |
| <p>Prof. Dr. Hiroyuki Nakamura Tokyo Institute of Technology, Japan Title: «C-H versus C-C in Activation of Propargylic Amines under Transition-Metal Catalysis»</p> | <p>Prof. Dr. David Nicewicz University of North Carolina at Chapel Hill, USA Title: «New Avenues in Synthesis via Organic Photoredox Catalysis»</p> |
| <p>Prof. Dr. Armando J. L. Pombeiro University of Lisbon, Portugal Title: “Alkanes as potential feedstocks in metal catalyzed organic synthesis”</p> | <p>Prof. Dr. Renata Riva University of Genova, Italy Title: “Diversity oriented synthesis of furans and analogues using multicomponent reactions”</p> |
| <p>Prof. Dr. Magnus Rueping King Abdullah University of Science and Technology, Saudi Arabia Title: “New Developments in Nickel Catalysis”</p> | <p>Dr. Upendra Kumar Sharma KU Leuven, Belgium Title: “New Chemical Reactivities in Continuous-Flow Synthesis”</p> |
| <p>Prof. Dr. Reshef Tenne Weizmann Institute of Science, Israel Title: “Inorganic Nanotubes and Fullerene-like Nanoparticles”</p> | <p>Prof. Dr. Lutz F. Tietze Georg-August-University Göttingen, Germany Title: «Efficient Pd-catalyzed Synthesis of Natural Products and Materials»</p> |
| <p>Prof. Dr. F. Dean Toste University of California, Berkeley, USA</p> | <p>Prof. Dr. Daniel B. Werz Technische Universität Braunschweig, Germany Title: «Gain by Strain: Cyclopropanes as Spring-Loaded Entities for Organic Synthesis»</p> |

Important Dates:

- Deadline for early bird registration, abstract submission and registration fee payment: February 22, 2019
- Deadline for standard registration and abstract submission: March 22, 2019
- Deadline for standard registration fee payment: April 22, 2019

Conference Program:

- ✓ Plenary Reports (60 min max)
- ✓ Key Notes (40 min)
- ✓ Invited Lectures (30 min)
- ✓ Oral Reports (10 min)
- ✓ Posters

Sections of the Conference:

- Organic Chemistry
- Physical and Colloidal Chemistry
- Inorganic and Coordination Chemistry

Registration Fee

| Category | Early Bird Registration (by February 22, 2019) | Regular Registration (by March 22, 2019) |
|-------------------------------------|---|---|
| <i>Russian and CIS Participants</i> | | |
| Student/PhD student | 3000 rub. | 6000 rub. |
| Regular participant | 5000 rub. | 8000 rub. |
| <i>Foreign Participant</i> | | |
| Student/PhD student | 150€ | 300 € |
| Regular participant | 300 € | 400 € |

Registration Fee includes:

- Admission to all scientific sessions
- Publishing of one abstract in the Book of Abstracts
- Conference materials
- Coffee breaks, get together party

The conference is to be held in Moscow, Russia in [RUDN University](#).

Organizing Committee:

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Trushkov I.V., Dr. Sc., Prof. (vice-chair)
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