



RUSSIAN-FRENCH WORKSHOP ON HYPER- AND HYPOCOORDINATED COMPOUNDS

OF THE GROUP 14 ELEMENTS

28-30 AUGUST 2017
MOSCOW, RUSSIA

INVITATION

Dear colleagues,

You are cordially invited to participate in the Russian-French workshop on hyper- and hypocoordinated compounds and intermediates of the group 14 elements, which will be held on 28-30 of August 2017 at N.D. Zelinsky Institute of Organic Chemistry of Russian Academy of Sciences (ZIOC RAS) in Moscow. This meeting will include plenary lectures, oral presentations and round-tables devoted to the methods of generation and study of carbenes and their heavy congeners, radicals and radical ions as well as synthesis and reactivity of hypercoordinated compounds from the "carbon family" - silicon, germanium, tin, and lead.

ORGANIZERS

Federal Agency for Scientific Organizations (FASO Russia)
N.D. Zelinsky Institute of Organic Chemistry,
Russian Academy of Sciences, (ZIOC RAS, Moscow, Russia)
Université de Rennes 1 (Rennes, France)

ORGANIZING COMMITTEE

Chairs

Prof. Mikhail EGOROV (ZIOC RAS)
Prof. Viatcheslav JOUIKOV (Université de Rennes 1)

International Advisory Committee

Prof. Antoine BACEIREDO (Université Paul Sabatier, Toulouse)
Prof. Vadim GULTYAI (ZIOC RAS)
Prof. Sergey KARLOV (Lomonosov Moscow State University)
Prof. Andrey MENDKOVICH (ZIOC RAS)

Local Organizing Committee

Secretary: Kristina MITINA (ZIOC RAS, Université de Rennes 1)
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Antonina VISHTORSKAYA (ZIOC RAS)
Ivan YAREMENKO (ZIOC RAS)

SCIENTIFIC SCOPE

- General issues of the synthesis, structure and reactivity of compounds of the group 14 elements with non-classical valence
- Generation, structure and chemical transformations of tetrelenes (carbenes, silylenes, germolenes, and stannylenes) and related multiply bonded derivatives
- Synthesis and redox reactions of metallatranes, metallocanes, intra- and intermolecular complexes, and other hypercoordinated compounds of the group 14 elements
- Reactivity of paramagnetic intermediates (radicals, radical ions, and others) of electron transfer reactions of the "carbon family"
- EPR and UV spectroscopy of paramagnetic intermediates
- Quantum chemical calculations of compounds and open shell intermediates of the group 14 elements

SCIENTIFIC PROGRAM

Plenary Lecturers and Invited Speakers:

Antoine BACEIREDO (Université Paul Sabatier, Toulouse)
Sergey BOGANOV (ZIOC RAS)
Mikhail EGOROV (ZIOC RAS)
Viatcheslav JOUIKOV (Université de Rennes 1)
Klaus JURKSCHAT (Technische Universität Dortmund)
Christoph MARSCHNER (Technische Universität Graz)
Andrey MENDKOVICH (ZIOC RAS)
Valery SIDORKIN (Favorsky Irkutsk Institute of Chemistry SB RAS)
Kirill ZAITSEV (Lomonosov Moscow State University)

IMPORTANT DATES

June 1st, 2017 - deadline to submit registration forms and abstracts
July 1st, 2017 - posting of the program
August 28th, 2017 - the opening

LANGUAGE

English shall be the working language of the workshop.

ABSTRACT SUBMISSION

To participate in the workshop we kindly ask you to submit the completed registration form and abstracts to the organizing committee. The necessary files can be found on the website of the workshop.

REGISTRATION FEE

Regular registration fee – EUR 45;

Registration fee for students, postgraduates, and young researchers under 30 is EUR 25

VISA INVITATION LETTER

To receive a letter of invitation needed for the Russian visa application, foreign participants will have to complete a form from the website of workshop, and email a scanned copy of the passport (1st page with the picture) to the organizing committee.

VENUE AND LOCATION

Venue

ZIOC RAS is located close to the center of Moscow next to the Vorobyovy Hills on the steep bank of the Moskva River, which is one of the "seven hills" making up the ancient capital of Russia. This Moscow district is peculiar of a high concentration of intellectual potential represented by the Presidium and institutes of Russian Academy of Sciences, Lomonosov Moscow State University and a number of other universities. The area has developed transport infrastructure and is abundant with restaurants and shops. In close proximity are located the Donskoy Monastery and Neskuchniy Garden which are among the most popular historic and recreation sites of the city.

Many eminent scientists worked with ZIOC RAS in different periods, including Nikolay D. Zelinsky, in whose honor the Institute was named. The main building was built in 1954 by famous Russian architect Alexei Shusev. It is a representative example of the Empire style of those days and is currently one of the local architectural attractions.

In addition to the laboratory and supporting facilities, there is a special place at ZIOC where the staff and guests meet together to talk and discuss research results and social issues. The conference hall occupies two floors of the building and is comparable in dimensions to a midsize theater. Velvet curtains, a huge chandelier, mahogany armchairs, a podium with a lectern and an emblem above create the magnificent decor that attracts film makers in need of Soviet historical settings. Globally renowned scientists, including Nobel laureates, and famous artists appeared on this podium at different times.

ZIOC RAS is proud of its library marked with the historic interior and comfortable academic atmosphere. It occupies large space in the main building and provides access to main Russian and international chemistry journals for over the past century. It has been equipped with modern electronic communication devices and is often used for conferences, presentations of invited scientists and lectures for students and postgraduates.

(For detail follow the link <http://zioc.ru/?lang=en>)

Climate

It is usually warm (15-20 °C) and sunny in Moscow at the end of summer. Of course, the weather is changeable and unpredictable but there will be no snow for sure.

Accommodation

Global online booking resources offer a great variety of hotels in Moscow. Hotels Sputnik (<http://www.hotelsputnik.ru/indexe.htm>) and Korston (<http://www.korston.ru/moscow/>) are located within a walking distance from ZIOC RAS.

Welcome to Moscow!



CONTACTS

Kristina MITINA
group14@ioc.ac.ru

WEBSITE

<http://group14.ac.ru/>



Древний Академический Город



UNIVERSITÉ DE
RENNES 1

UNIVERSITÉ
TOULOUSE III
PAUL SABATIER

Institut des
Sciences Chimiques
de Rennes

