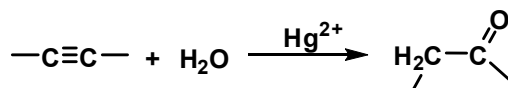


Russian Fond of Basic Researches
St. Petersburg branch of Russian Chemical Society
named after D.I. Mendeleev
St. Petersburg State Forest Technical University
St. Petersburg State University
St. Petersburg State Institute of Technology
(Technical University)
St. Petersburg State Technical University of Plant Polymers

All-Russian conference with international participation

**«Modern progress in the chemistry of unsaturated compounds: alkynes, alkenes, arenes and heteroarenes»,
dedicated to scientific heritage of
Mikhail Grigor'evich Kucherov**



**Saint Petersburg
26–28 March 2014**

Program committee of conference

Beletskaya Irina P., academician RAS, Moscow University.
Zefirov Nikolai S., academician RAS, Moscow University.
Moiseev Il'ya I., academician RAS, Institute Inorganic Chemistry.
Rusanov Anatoliy I., academician RAS, St. Petersburg University.
Trofimov Boris A., academician RAS, Irkutsk Institute of Chemistry.
Ananikov Valentin P., corresponding member RAS, Institute of Organic Chemistry? Moscow.
Kukushkin Vadim Yu., corresponding member RAS, St. Petersburg University.
Fediushkin Igor' L. corresponding member RAS, Institute of Metallorganic Chemistry, Nizhnij Novgorod.
Balova Irina A., Dr. Sci., professor, St. Petersburg University.
Garabadjii Alexander V., Dr. Sci., professor, St. Petersburg Institute of Technology.
Ivanov Andrey V., Dr. Sci., Irkutsk Institute of Chemistry.
Kuznetsov Mikhail A., Dr. Sci., professor, St. Petersburg University.
Petrov Mikhail L. Dr. Sci., professor, St. Petersburg Institute of Technology.
Selikhovkin Andrey V. Dr. Sci., professor, St. Petersburg State Forest Technical University.
Trishin Yuriy G., Dr. Sci., professor, St. Petersburg State Technical University of Plant Polymers.

Organizing committee

Vasilyev Alexander V., Dr. Sci., professor, St. Petersburg State Forest Technical University, co-chairman.
Kostikov Rafael R., Dr. Sci., professor, St. Petersburg University, co-chairman.
Ryabukhin Dmitriy S., PhD, docent, St. Petersburg State Forest Technical University, vice-chairman.
Shaytarova Ol'ga E., PhD, docent, St. Petersburg State Forest Technical University, secretary.
Danilkina Natal'ya A., PhD, senior teacher, St. Petersburg University.
Kornilova Tat'yana A., PhD, St. Petersburg University.
Fedulina Tat'yana G., PhD, docent, St. Petersburg State Forest Technical University,
Nemtseva Aleksandra V., assistant, St. Petersburg State Forest Technical University.
Ponomarev Dmitriy A., Dr. Sci., professor, St. Petersburg State Forest Technical University.
Sandzhieva Maria A., assistant, St. Petersburg State Forest Technical University.
Rostovskiy Nikolai V. PhD, junior research worker St. Petersburg University
Tarakanov Anton A., junior research worker St. Petersburg State Forest Technical University.

You are invited to participate in the work of conference on fundamental problems of unsaturated compounds chemistry, namely alkynes, alkenes, arynes and heteroarenes, dedicated to the memory of M. G. Kucherov

The conference is planned as open scientific event without organization fee

The key event of the conference is opening on the **26th of March 2014** at the facade of St. Petersburg state forest technical university main building memorial plaque, dedicated to Mikhail G. Kucherov (1850–1911), who studied and worked in Forest institute. In 1881 he discovered reaction of acetylenic bond hydration, catalyzed by mercury (II) salts.

In the frame of this conference on the **27th of March** annual lecture will take place, dedicated to the memory of academician A.E. Favorsky (Mendeleev center in St. Petersburg state university)

Program of conference includes plenary (35 min), oral (25 min) and poster reports.

On **26th of March 2014** conference will take place at St. Petersburg State Forest Technical University (Institute by-street, 5). Public transport: metro stations: "Lesnaya", "Ploshchad' muzhestva", trams N 38, 55, trolleybus N 31.

On **27–28th March 2014** conference will take place at Mendeleev centre of St. Petersburg University (University embankment, 7/9, NIKhI building). Public transport: metro stations Admiralteyskaya, Vasileostrovskaya, Nevsky prospect, Sportivnaya. Trolleybuses N 1, 7, 10, or buses N 7, 24, 47, 171, 191.

Concerning participation in the conference, please, come in contact with Prof. A.V. Vasilyev (tel 8 905 254 5309).

***Main scientific topics,
proposed for discussion on the conference***

Synthesis and structure of unsaturated compounds: alkynes, alkenes, arenes and heteroarenes.

Synthesis of biologically active substances and medicinal drugs on the basis of unsaturated compounds.

Preparation of new materials with valuable practical properties from unsaturated compounds.

Element- and metallorganic derivatives of unsaturated compounds.

Metallocomplex catalysis in the chemistry of alkynes, alkenes, arenes and heteroarenes: carbon-carbon and carbon-heteroatom bond formation.

New catalytic systems design on the basis of transition and non-transition metals (modification of Kucherov, Sonogashira, Suzuki, Heck et al. reactions).

Topics of teaching and history of chemistry in the field of alkynes, alkenes, arenes and heteroarenes.

Registration of conference participants is executed on the site of conference:

<http://ftacademy.ru/international/conference/events/index.php?view=more&lang=&id=77>

Thesis may be presented either in Russian or in English language on 1 page, format A4 (margins 1.5 cm), including caption and authors data.

Instruction for thesis preparation

Text formatter – Word for Windows; type – Times New Roman, size: Title of report – 12 ppt, authors, affiliation and references – 10 ppt, text – 11 ppt. Line spacing everywhere single, indentation 0.5 cm.

Position on page: Title, authors, affiliation – on center; text – even.

Use please as formula formatter ChemDraw 7 (or earlier) or ISISBase.

File size (doc) should be lower 1 Mb.

Thesis of reports must be sent before 1 February 2014 on e-mail address of the conference: conf.kucherov2014@mail.ru

Participant can present only one report.

Distance participation is not possible.

Conference materials are presented to participants only during conference sessions and are not sent by post.

M.G. Kucherov (life story)

22.05(3.6).1850 – was born in Poltava province

1867 – Graduated from Poltava military secondary school and entered at Artillery academy in St. Petersburg

1869 – Transfer to Agricultural institute

1872 – Laboratory assistant of Forest institute

1873 – Diphenyl synthesis

1877 – Assistant of Prof. P.A. Lachnikov (Forest institute)

1881 – Hydration of acetylenes (Kucherov reaction)

1885 – Premium of N.N. Sokolov by Russian physical and chemical society for a discovery of new reaction

1891 – Docent of Forest institute

1893 – Member of ministry of finances technical commission

1895 – Mission to England, France, Austria

1897 – Head of chemical laboratory at the ministry of finances

1902–1910 – Professor of chemistry chair at Forest institute

13(26).06.1911 – date of death, the grave is at Smolensk cemetery at St. Petersburg

1915 – The appointment of M.G. Kucherov premium by Russian Physical and Chemical Society



Self-portrait in laboratory