

National Research Tomsk State University

Department of Chemistry

Department of Foreign Languages

Take a Gander at Chemistry:

Popularize, Experiment, Theorize

STUDENT CONFERENCE SCHEDULE

19TH OF APRIL 2016

Dear readers,

we heartily welcome you to witness the first attempt of holding a student English-only conference that is supposed to grasp both theoretical and popular aspects of Chemistry. Chemistry is a powerful science – for it embraces all forms of what we see and feel. English is a powerful language – for it embraces the whole globe. Let us watch them merge into one single entity!

Organizing committee

Irina S. Savitskaya, Senior Lecturer of the Department of Foreign Languages

Vladimir V. Shelkovnikov, Assistant Professor, Vice Dean of the Department of Chemistry

Nadezhda V. Petrunina, Assistant Professor of the Department of Foreign Languages

Lidia V. Artamonova, Senior Lecturer of the Department of Foreign Languages

Conference Schedule

Location: TSU Building # 6, Room 311

Chair: Polina Kalachikova, 2nd year student of the Department of Chemistry

8:30 a.m.

REGISTRATION (conference packs and record logs)

8:45–8:55 a.m.

WELCOME

Nadezhda V. Petrunina

Keynote speaker:

Professor *Irina A. Kurzina* (Laboratory of Catalytic Research)

8:55–9:10 a.m.

SUBSECTION 1: CHEMISTRY IN SIMPLE TERMS

Irina Popova (first year student, stream 08501). ***Metals from the Viewpoint of Biochemistry.*** Supervisors: As. Prof. Natalia M. Korotchenko, As. Prof. Nadezhda V. Petrunina

Tatyana Malinina (first year student, stream 08503). ***“Still Waters Run Deep.” Water in a Nutshell: Theory, Processing, and Usage.*** Supervisors: As. Prof. Vera A. Batyreva, As. Prof. Nadezhda V. Petrunina

Erika Dudina (first year student, stream 08501). ***Chemistry for the Masses: Familiarizing and Popularizing.*** Supervisors: As. Prof. Natalia M. Korotchenko, As. Prof. Nadezhda V. Petrunina

9:10–9:30 a.m.

SUBSECTION 2: EXPERIMENTING WITH MATTER

Pavel Timofeev (first year student, stream 08502). ***Glucose Oxidation via Atmospheric Oxygen with Methylene Blue.*** Supervisors: Prof. Nina A. Skorik, As. Prof. Nadezhda V. Petrunina

Maxim Voronin (first year student, stream 08503). ***Experimenting with Inorganic Compounds: Pharaoh Snakes.*** Supervisors: As. Prof. Vera A. Batyreva, As. Prof. Nadezhda V. Petrunina

9:30–10:05 a.m.

SUBSECTION 3: THEORIZING & THE FRUITS OF RESEARCH

Darya Nagorniyak (first year student, stream 08501). *The Place of Electrochemical Methods in the Realm of Chemistry Analysis*. Supervisors: As. Prof. Vladimir V. Shelkovnikov, Sen. Lect. Mikhail V. Anishchenko, As. Prof. Nadezhda V. Petrunina

Nikolay Radionov (second year student, stream 08401). *Synthesis and Properties of Yttrium Oxide Obtained from Yttrium Oxalate*. Supervisors: Prof. Tamara S. Minakova, As. Prof. Svetlana A. Kuznetsova, As. Prof. Nadezhda V. Petrunina, Sen. Lect. Lidia A. Artamonova

Alexander Zorin (fourth year student, stream 08203). *Synthesis and Investigation of New Phosphoorganic Derivatives of Bicyclic Bis-ureas*. Supervisors: As. Prof. Viktor S. Malkov, As. Prof. Nadezhda V. Petrunina, Sen. Lect. Lidia V. Artamonova

Denis Babenkov (postgraduate student of the Analytical Chemistry department). *Development of Arc Atomic-Emission Spectral Analysis Techniques for Physical–Chemical Research Methods of Glassy and Ceramic Materials*. Supervisors: Prof. Vladimir I. Otmakhov, Sen. Lect. Lidia V. Artamonova, As. Prof. Nadezhda V. Petrunina

10:05–10:20 a.m.

CLOSING DISCUSSION & CONFERENCE CERTIFICATES

Prof. Irina A. Kurzina, As. Prof. Nadezhda V. Petrunina, Lect. Vladimir V. Vozdvizhensky, Lect. Liudmila A. Mitchell