# Catalyzer



Journal of the 39th International Chemistry Olympiad Moscow Russia Issue no.10 Monday 23 July 2007

# Minister A.A.Fursenko takes part in the Olympiad

Sunday. 20.00 pm. Holiday Inn. 220 people – professors, teachers, sponsors - are waiting in a big hall for Minister of Education and Science of Russian Federation A. A. Fursenko.

He came in the hall on time and Academician V. V. Lunin began the meeting. First of all, Minister spoke about the Olympiads. He said that such events are very important for many countries, especially for Russia. They help to find gifted children and to make science more popular among young people. Sciences are our future and chemistry plays the main role among them because it influences economy. Russian Federation understands it, so there are a lot of projects that help science and education. Olympiads, for example, are only a small part of national project "Education". Mr. Fursenko thanked the sponsors - Tokyo Boeki, Lykoil, Base Element, Potanin's Charity Fond for their help in holding the 39th International Chemical Olympiad. Minister also added it was really great that big chemistry companies are interesting in young educated people and ready to cooperate with the Government in preparing specialists in chemistry. The 39th International Chemistry Olympiad united business and science. At the end Mr. Fursenko asked everyone about organization and waited for the wishes how to make next Olympiads better.

Then came the turn of Manfred Kerschbaumer. He noticed that the level of the Olympiad was very high. It is easy to explain. Russian Chemistry Education takes leading place in the world.

Sponsors also couldn't keep silence. Representatives from Tokyo Boeki and Lukoil, Mr Uchida and Mrs Safanova, said pair words about school, university, company and about the conference between MSU and Asian countries.

Questions to Minister and last but not the least - the meeting of the International Jury where the judges have decided how many gold, silver and bronze medals would be given to students. Fursenko, of course, took part in this exciting event.

What they have decided you will see today, at the Closing Ceremony.....

Ekaterina Bredina









## And who are the judges?



Aleksander Gladilin

Co-Chairman of Scientific Committee, Prof. of Chemistry Department, Doctor of Chemistry, 42, MSU, Chemistry Department, Chemical Enzymology, Enzymes in non-standart media, 12 times as a member of Organizing or Scientific Committee of the International Olympiad.



Vadim Eremin

Co-Chairman of Scientific Committee, Prof. of Chemistry Department, Doctor of Physics and Mathematics, 45, MSU, Chemistry Department, Physical Chemistry, Kinetics and Thermodynamics, Quantum—chemical calculations, 8 times as a member of Organizing or Scientific Committee of the International Olympiad.



Igor Trushkov

Member of Scientific Committee, Assistant professor, Ph.D in Chemistry, 42, MSU, Chemistry Department, Organic chemistry, Mechanisms of Chemical reactions, Quantum—chemical calculations, Chemistry of Fullerenes, first time as a member of Scientific Committee.



Andrey Garmash

Member of Scientific Committee, Assistant professor, Ph.D in Chemistry, 52, MSU, Chemistry Department, Analytical Chemistry, Chemometrics, second time as a member of Scientific Committee, first time was in 1996.



### Mikhail Korobov

Member of Scientific Committee, Prof. of Chemistry Department, Doctor of Chemistry, 57, MSU, Chemistry Department, Physical Chemistry, Nanotechnology, first time as a member of Scientific Committee of the International Olympiad.



Marina Reshetova

Member of Scientific Committee, Assistant professor, Ph.D in Chemistry, MSU, Chemistry Department, 68, Organic chemistry, Metalloorganic Chemistry and chemistry of compex compounds, first time as a member of Scientific Committee of the International Olympiad.

"I was organizing so many Olympiads, so it will be better if I give you a list: from the 1969 leads Mendeleev' Olympiad, All-Russian Olympiad, Olympiad for colleges (22 times) and 3 times Soros' Olympiads".



Valeriy Putlyaev

Member of Scientific Committee, Assistant professor, Ph.D in Chemistry, 45, MSU, Chemistry Department, Inorganic Chemistry, Inorganics and biomaterials, first time as a member of Scientific Committee of the International Olympiad.

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Mikhail Beklemishev

Member of Scientific Committee, Ph.D in Chemistry, 46, MSU, Chemistry Department, Analytical Chemistry, Kinetic methods in analytical chemistry, second time as a member of Scientific committee of the International Olympiad, first time was in 1996.



Anna Berkovich

Member of Scientific Committee, Engineer at Department Chemistry of high-molecular compounds, 25, MSU, Chemistry Department, Chemistry of high-molecular compounds, High-molecular compounds for medicine, first time as a member of Scientific Committee of the International Olympiad.



Evgeniy Karpushkin

Member of Scientific Committee, Post-graduate student of the III year, 25, MSU, Chemistry Department, Chemistry of high-molecular compounds, Polyelectrolytes and biopolymers for medicine, first time as a member of Organizing or Scientific Committee of the International Olympiad, a winner in Mendeleev' Olympiad and All-Russian Olympiads.



Anna Bacheva

Member of Scientific Committee, Assistant professor, Ph.D in Chemistry, 32, MSU, Chemistry Department, Chemistry of Natural Compounds, Chemistry of Proteins, first time as a member of Scientific Committee of the International Olympiad.



**Bulat Garifullin** 

Member of Scientific Committee, BSMU (Bashkirskiy State Medical University), attending physician of the II year, 25, Ufa, Medical department, Pharmacology, golden medalist in 1998 Australia, first time in Scientific Committee of the International Olympiad.



Andrey Cheprakov

Member of Scientific Committee, Assistant professor, Ph.D in Chemistry, 46, MSU, Chemistry Department, Organic Chemistry, Synthesis of porphyrins and Catalysis, second time in Scientific Committee of the International Olympiad, first time was in 1996, a silver medalist of International Olympiad in 1978, Poland.



Julia Valeeva

Member of Scientific Committee, Post-graduate student of the II year, 25, from Samara, MSU, Chemistry Department, Chemistry of high-molecular compounds, first time in Scientific Committee of International Olympiad.



Sergey Seryakov

Member of Scientific Committee, MSU, Chemistry department, post-graduate student of the II year, from Murom, 23, Inorganic Chemistry, technology, an organizer and participant of Mendeleev' Olympiad.



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Igor' Sedov

Member of Scientific Committee, KSU (Kazanskiy State University), Chemistry Department, Kazan', 22, Physical Chemistry, Chemistry of solutions, Chemical Thermodynamics, twice was a golden-winner of International Olympiads in 2001 (India) and in 2002 (Netherlands).



Ilya Glebov

Member of Scientific Committee, MSU, Chemistry Department, Barnaul, 22, Department of Physical Chemistry, Quantum-mechanical calculation, 2007, in 2002 a bronze-winner of International Olympiad in 2002 (Netherlands).

We are very greatful to all the authors and all other people helping, preparing, checking the tasks and assisting in the laboratories. We do appreciate it! These people are:

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Peter Sazonov,
Sergey Kubyshev,
Elena Mishukova
and many others.

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# Your words, your thoughts...

Mathus de Jong, Netherlands. The main problem today is lack-of-water problem in Africa. I would like to go there to help people, especially children.

**Matias Gomee Elias, Argentina.** Poverty and pollution seem to be the most urgent problems in the world. In my country, I think, it is so because lack of education. As a chemist, I would be grateful if I can solve everyday problems (for instance, diseases).

**Philipp Steiniger, Germany.** I would like to visit East Africa, as it is the cradle of the human race in a evolutionary sense and Greece since the Western philosophy and democracy can be raced back to its culture.

I would like getting involved in biochemistry and medicine since I want to contribute into research of diseases and development of new and more efficient therapies.

**David Van Cauwenberge, Belgium.** I have heard Moscow had great nightlife and the finest women in the world.

**Christian Oberender, Germany.** I knew a lot about Russian history and politics, the Kremlin.

I can add that Moscow is a city in which construction works are everywhere. It was important experience to visit Russia. Moscow seems to be quite chaotic in some places.

Varen Loodts, Belgium. I don't like Russian food. It's very different from Belgium. For example, in Belgium for breakfast we eat a piece of bread with jam or chocolate or bakery...

**Stephan Pusch, Germany.** Most of all, I want to visit Alyaska.

**Zegi Yang, Singapore.** Two years ago I understood that chemistry was interesting for me from chatting with friends and reading on the Internet.

**Sofia Izmailov, USA.** The most urgent problem in the world is providing everyone with sufficient food to survive. Also very big problem is pollution and I'll try to solve it.

**Jan Kogoj, Slovenia.** I like to talk to my friends about everything except chemistry.

**Sotiros Christodovloo, Greece.** In my belief, a severe problem that our planet encounters is energy problem. Greece is lack of energy sources. Especially in my country it is obliged to import energy sources like petrol because we don't have any.

### Call

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