

The X International Summer School
“Modern Quantum Chemistry Methods in Applications”

Samara, Russia, 24.06.2024 – 24.07.2024

Session Program (Samara time, GMT+4)

June 24th	
10⁰⁰-12⁰⁰ SB LPI, 215 Novo-Sadovaya, 221	Opening speech Ivan O. Antonov (<i>Lebedev Physical Institute, Samara, Russia</i>) <u>Open seminar of CLAP</u> Speaker: A. Pershin “Inelastic cross sections for Ar*-He complex”
12⁰⁰-13⁰⁰ Samara University, Media Center, 204	Training Session
14⁰⁰-15³⁰ Samara University, Media Center, 204	Introductory lecture on using open-source software for molecular visualization and Gaussian 09 with supercomputer ‘Sergey Korolev’ Denis P. Porfiriev (Samara University, <i>Lebedev Physical Institute, Samara, Russia</i>)
15³⁰-16⁵⁰ Samara University, Media Center, 204	Training Session
June 25th	
10⁰⁰-13⁰⁰ Samara University, Media Center, 204	Training Session
14⁰⁰-16⁵⁰ Samara University, Media Center, 204	Training Session
June 26th	
10⁰⁰-13⁰⁰ Samara University, Media Center, 204	Training Session
14⁰⁰-16⁵⁰ Samara University, Media Center, 204	Training Session
17⁰⁰-18⁰⁰ Samara University Scient. build., 407, online	Lecture “Mechanisms of growth of large PAHs, hydrocarbon nanostructures and fullerenes” Alexander M. Mebel (Florida International University, Miami, Florida, USA)

June 27th	
10⁰⁰-13⁰⁰ Samara University, Media Center, 204	Training Session
14⁰⁰-16⁵⁰ Samara University, Media Center, 204	Training Session
June 28th	
10⁰⁰-12⁰⁰ Samara University Scient. build., 407	<u>Open seminar of theoretical group</u> <i>Speaker: V. Krasnoukhov</i> <i>“Polycyclic Aromatic Hydrocarbons enlargement reactions via the addition of a methyl radical”</i>
12⁰⁰-13⁰⁰ Samara University, Media Center, 204	Training Session
14⁰⁰-16⁵⁰ Samara University, Media Center, 204	Training Session

July 1st	
10⁰⁰-12⁰⁰ SB LPI, 215 Novo-Sadovaya, 221	<u>Open seminar of CLAP</u> Speaker: A. Shevchenko (Lebedev Physical Institute, Samara Branch, Samara State Technical University, Samara, Russia) “Crystallochemical approach to high-throughput screening of potential ionic electrides”
12⁰⁰-13⁰⁰ Samara University, Media Center, 204	Training Session
14⁰⁰-16⁵⁰ Samara University, Media Center, 204	Training Session
July 8th	
10⁰⁰-13⁰⁰ Samara University, Media Center, 204	Training Session
14⁰⁰-16⁵⁰ Samara University, Media Center, 204	Training Session
July 9th	
10⁰⁰-13⁰⁰ Samara University, Media Center, 204	Training Session
14⁰⁰-16⁵⁰ Samara University, Media Center, 204	Training Session
July 10th	
10⁰⁰-13⁰⁰ Samara University, Media Center, 204	Training Session
14⁰⁰-16⁵⁰ Samara University, Media Center, 204	Training Session

July 11th	
10⁰⁰-13⁰⁰ Samara University, Media Center, 204	Training Session
14⁰⁰-16⁵⁰ Samara University, Media Center, 204	Training Session
July 12th	
10⁰⁰-12⁰⁰ Samara University Scient. build., 407	<u>Open seminar of theoretical group</u> Speaker: L. Krikunova “Molecular parameters of the reaction of benzonitrile with methine radical”
12⁰⁰-13⁰⁰ Samara University, Media Center, 204	Training Session
14⁰⁰-16⁵⁰ Samara University, Media Center, 204	Training Session
July 15th	
10⁰⁰-13⁰⁰ Samara University, Media Center, 204	Training Session
14⁰⁰-16⁵⁰ Samara University, Media Center, 204	Training Session

July 16 th	
10⁰⁰-13⁰⁰ Samara University, Media Center, 204	Training Session
14⁰⁰-16⁵⁰ Samara University, Media Center, 204	Training Session
July 17 th	
10⁰⁰-13⁰⁰ Samara University, Media Center, 204	Training Session
14⁰⁰-16⁵⁰ Samara University, Media Center, 204	Training Session
July 18 th	
10⁰⁰-13⁰⁰ Samara University, Media Center, 204	Training Session
14⁰⁰-16⁵⁰ Samara University, Media Center, 204	Training Session
July 19 th	
10⁰⁰-13⁰⁰ Samara University, Media Center, 204	Training Session
14⁰⁰-16⁰⁰ Samara University, Media Center, 204	Training Session
16⁰⁰-17⁰⁰ Samara University Scient. build., 407, online	<u>Open seminar of theoretical group</u> <i>Speaker: A. Kuznetsov (Universidad Técnica Federico Santa María, Vitacura, Chile)</i> <i>"Computational studies of core-modified porphyrinoids and their complexes"</i>

July 22nd	
10⁰⁰-11⁰⁰ SB LPI, 215 Novo-Sadovaya, 221	<u>Open seminar of CLAP</u> Speaker: I. Antonov (<i>Lebedev Physical Institute, Samara, Russia</i>) "Simulations of molecular spectra"
11⁰⁰-13⁰⁰ Samara University, Media Center, 204	Training Session
14⁰⁰-16⁵⁰ Samara University, Media Center, 204	Training Session
July 23rd	
10⁰⁰-11⁰⁰ Samara University Scient. build., 407, online	Lecture "Quasi-Classical Trajectory Calculations and Analysis for Bimolecular Reactions" Anyang Li (College of Chemistry and Materials Science, Northwest University, Xi'an, P. R. China)
11⁰⁰-13⁰⁰ Samara University, Media Center, 204	Training Session
14⁰⁰-16⁵⁰ Samara University, Media Center, 204	Training Session
July 24th	
10⁰⁰-13⁰⁰ Samara University, Media Center, 204	Training Session
14⁰⁰-16⁵⁰ Samara University, Media Center, 204	Training Session
CLOSING OF THE SCHOOL	