"Chemistry Mall" Scientific School

Program of the School of Science "CheM-2024"

"CheM-2024" School of Science - 06.06.2024

9:30-10:00	YSU main building, 5th floor, meeting hall of the Scientific Council **Registration**
10:00-10:15	**Opening Ceremony** Chair Prof. Narine Durgaryan
10:20-11:10	**Development of Novel Synthetic Methodologies** **Vladimir Gevorgyan** Professor University of Texas at Dallas, Richardson, TX, USA
11:10-12:00	**Adaptive dynamic photocatalysis** **Valentine Ananikov** Professor Zelinsky Institute of Organic Chemistry, Moscow, Russia
12:00-12:30	**Coffee Break** Chair Dr. Anna Mkrtchyan
12:30-13:20	**Design and synthesis of phenanthroline diamides for separation of f-elements** **Valentine Nenajdenko** Professor Moscow State University, Russia
13:20-14:10	**A Tale of Two Phases: Reactions at the Liquid-Liquid Interfaces** **Valery Fokin** Professor University of Southern California, Los Angeles, CA, USA
15:00-15:30	**lunch** Chair Dr. Liana Gabrelyan
14:50-15:40	**Taming molecules: how and why chemists create rings made out of atoms?** **Igor Alabugin**

Professor

Florida State University Tallahassee, FL, USA and Arbuzov Institute of Physical and Organic Chemistry, Kazan, Russia

15:40-16:30	**New insight from chemical imaging** **Sergey Kazarian** Professor Imperial College London, UK
16:30-16:40	**Break** Chair Dr. Gohar Shahinyan
16:40-17:10	**Merck best parctices of scientific insights deployment** **Pavel Myagkov** Key Account Manager Pharma and Biotech (Russia, Armenia, Belarus) «Merck»
17:10-17:30	**Handheld XRF and Raman instruments different applications** **Aleksandr Yusev** Agent CCSservice «Thermo fisher scientific», Switzerland
17:30-18:00	Exhibition of analytical equipment «Immunopharm» and «Concern-Energomash»

"CheM-2024" School of Science - 07.06.2024

9:30-10:00	STCOPC, Azatutyan Ave. 26, Conference Hall **Registration** Chair Dr. Varduhi Hovsepyan
10:00-10:50	**Evolution of Methodology for Catalytic Asymmetric Crotylation of Carbonyl Compounds** **Andrei Malkov** Professor Loughborough University, UK
10:50-11:40	**Entropy-enthalpy compensation in chemistry** **Andrei Yudin** Professor University of Toronto, Toronto, Canada

11:40-12:10	**Coffee Break**
12:10-13:10	**Excursion in Scientific and Technological Center of Organic and Pharmaceutical Chemistry** **Deputy Director of the STCOPC Dr. Robert Hakobyan**
	Chair Dr. Astghik Shahkhatuni
13:10-14:00	**Photochemistry at oil-water interfaces** **Burkhard König** Professor Universitaet Regensburg, Germany
14:00-14:50	**Tuning cell membranes and amyloids properties via ionic liquids: A chemical-physical study using atomic force microscopy, neutron scattering, and computer simulations** **Antonio Benedetto** Professor University College Dublin, Ireland & University Roma Tre, Italy
15:00-15:40	**lunch**
15:40-16:20	**Quiz "What did you learn?"** **Sona Buloyan** Dr.
16:20-16:50	**Round table - active discussions**
16:50-17:10	**Closing Ceremony**

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