

"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 practices 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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