



Program of Russian – Chinese Seminar

“Problems of reducing the flammability of polymers, the synthesis of flame-retardant additives in polymers”

6 October 2023, Moscow, Russia, FRCCP, str. Kosygin, 4, assembly hall, 10:00

Participants:

N.N. Semenov Federal Research Center for Chemical Physics, Russian Academy of Sciences (FRCCP)

University of Science and Technology of China, Hefei City, China (USTC)

1. Academician Alexander Berlin, Scientific Adviser, Head of Department of Polymers and Composite Materials (FRCCP) - Introduction
2. Prof. Hu Yuan (University of Science and Technology of China, Hefei City) – Message about the University of Science and Technology of China, Hefei City – (20 min.)
3. Prof. Xin Wang (University of Science and Technology of China, Hefei City) – “Cardanol as a versatile building block for fabrication of bio-based flame-retardant epoxy thermosets” (30 min.)
4. Prof. of Chemistry Alexander Shaulov, Head of Laboratory of Inorganic and hybrid polymers and composites (FRCCP) – “Thermoplastic flame-retardants and based on them polymer blends” (20 min.)
5. Dr. (Ph.D. in Physics and Mathematics) Grigori Mokhin, Researcher of Combustion Laboratory (FRCCP) - “Pulsed mode of the formation of multilayered fire-resistant structures by intumescent coatings” (20 min.)
6. Dr. (Ph.D. in Chemistry) Daniil Itkis, Head of Laboratory of chemical current sources (FRCCP) – “Thermal runaway in metal-ion batteries” (20 min.)
7. Prof. Weiyi Xing (University of Science and Technology of China, Hefei City) - "Preparation and Application of Transparent Flame Retardant Coatings for Poly(methyl methacrylate) (PMMA)"(20 min.)

Coffee break