

Vth INTERNATIONAL CONFERENCE "ACTUAL SCIENTIFIC & TECHNICAL ISSUES OF CHEMICAL SAFETY" ASTICS-2020



BOOK of ABSTRACTS

October 6 - 8 , 2020 Kazan Ministry of Science and Higher Education of the Russian Federation; Ministry of Industry and Trade of the Russian Federation; N.N. Semenov Federal Research Center for Chemical Physics, Russian Academy of Sciences; Federal State Unitary Enterprise "State Research Institute of Organic Chemistry and Technology"; Federal Research Center "Kazan Scientific Center of the Russian Academy of Sciences"; A.E. Arbuzov Institute of Organic and Physical Chemistry — Subdivision of FRC Kazan SC of RAS N.N. Vorozhtsov Novosibirsk Institute of Organic Chemistry SB RAS Semenov International Center of Chemical Physics

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Book of Conference Abstracts includes Conference Program and summaries of scientific research results and activities in the field of fundamental and interdisciplinary research of chemical safety issues and protection of human health and environment from exposure to hazardous chemical factors.

The topical issues are:

- Chemical hazard sources. Toxic chemicals, including persistent organic pollutants, pesticides, emergency and hazardous chemical substances.
- Methods and tools for indication and identification of hazardous chemicals and mixtures thereof in environmental objects. Monitoring soil, air, and water status.
- Green technologies.
- Hazardous chemical facilities. Technologies for elimination of chemical hazards. Chemical hazard assessment and risk modeling. Chemical accident/incident prevention.
- Technologies, procedures and means for creating materials aimed at technical protection, prevention and remediation of chemical contamination consequences. Impact of hazardous chemicals on human health.
- Waste management. Utilization and biodegradation of hazardous wastes.
- General information on chemical safety.

The book contains abstracts of authors from Azerbaijan, Belarus, Kyrgyzstan, Latvia, Republic of Moldova, Russia, Tajikistan, Uzbekistan, and Ukraine.

For researchers and experts dealing with chemical safety, ecology, and environmental protection.

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Studying level of salts in snow cover of Moscow in the context of application of deicing materials. <i>I.S. Matveeva</i>
Influence of nature and content of nanofillers on performance characteristics of polyurethanes. T.V. Burdikova, L.A. Zenitova, S.S. Ivshin, A.A. Ivshina
Green technologies for obtaining prolonged dosage forms in supercritical CO₂. <i>A.V. Cherkasova, N.N. Glagolev, A.I. Shienok,</i> <i>A.B. Solovieva</i>
Lignocellulose biomass conversion into fuels and chemicals.
V.G. Matveeva, O.V. Manaenkov, O.V. Kislitza, L.Zh. Nikoshvili,
S.P. Mikhailov, M.E. Grigorev, A.I. Sidorov, M.G. Sulman
Supercritical approach to produce liquid fuels from biomass.
A.A. Stepacheva, A.A. Dmitrieva, M.A. Monzharenko, M.E. Markova, A.I. Sidorov, V.G. Matveeva, M.G. Sulman
Disposal of industrial waste and wastewater using supercritical fluid media. <i>A.U. Aetov, Z.I. Zaripov, R.A. Usmanov, F.M. Gumerov</i>
Catalytic pyrolysis of crosslinked polymers as a method for solid domestic waste disposal. Yu. Yu. Kosivtsov, K.V. Chalov,
Yu.V. Lugovoy, V.P. Molchanov, M.G. Sulman
Assessment of technologies for recycling energy-saturated materials. Yu.L. Krasnobaev, V.Yu. Meleshko
Thermocatalytic processing of wood waste. <i>Yu.V. Lugovoy,</i> <i>Yu.Yu. Kosivtsov, N.A. Antonov, K.V. Chalov, A.A. Stepacheva,</i> <i>M.G. Sulman</i>
Effect of copper salt on white phosphorus biodegradation. Y.A. Akosah, A.Z. Mindubaev, E.V. Babynin
Mineralogical and geochemical analysis of soils at municipal solid waste recycling plant (Yanino). A.N. Jorayeva, E.G. Panova
Socioeconomic aspect of risks of mycoses in grain production in Russia. V. A. Zakharenko, S.A. Zakharenko
Development of scientific and methodological approaches to analysis of performance of scientific and technical programs . S.V. Pronichkin, I.P. Tikhonov
Chemical safety issues solutions via integration of science and education. A.V. Lobanov