



The 13th International Symposium on Ionizing Radiation and Polymers IRaP (2018)

**Organized by Lomonosov Moscow State University
in cooperation with the International Atomic Energy Agency
and International Irradiation Association**

Technical partner – official conference operator MESOL LLC

We are cordially inviting you to attend the 13th International Symposium on Ionizing Radiation and Polymers (IRaP 2018), which will be held in Moscow, Russian Federation on August 26-31, 2018. The conference will be organized in a suburban hotel “ARTHURS VILLAGE & SPA” located 20 km from Moscow city. This meeting will bring together the experts in radiation physics, radiation chemistry, polymer science, engineering and industrial applications dealing with all aspects of the radiation effects and polymers. **The scientific scope will cover a wide range of related topics:**

- Fundamentals of interaction of ionizing radiation with polymers, basic mechanisms of the radiation-induced effects
- Polymer ageing under radiation and applications in power plants
- Polymers for space applications
- Applications in medicine and biotechnology
- Formation of nanostructures and nanocomposites
- Modification of polymers using swift heavy ions
- Crosslinking and formation of hydrogels
- Polymerization, curing and surface treatment
- Radiation processing of natural polymers and cellulose-based materials
- Emerging technologies and development of industrial applications
- Instruments and installation for irradiation of polymers

The program will include invited lectures of leading experts in the field, invited and contributed talks, and posters. We expect the participation of approximately 150 contributors from different areas and different countries. We would like to strongly encourage participation of young scientists and students and now we are considering an opportunity of offering reduced fees and a limited number of awards for young investigators.

Detailed information will be available at the conference web-site:

www.irap2018.chem.msu.ru , you may also contact the organizing committee by e-mail: irap2018@rad.chem.msu.ru

The conference chair: Prof. Vladimir I. Feldman, Department of Chemistry,
Lomonosov Moscow State University