

5th Commemorative Symposium "Molecular Photonics", in memory of Academician A.N. Terenin

This issue of the journal includes the articles based on the proceedings of the 5th Commemorative Symposium „Molecular Photonics“, devoted to the 125th anniversary of Birthday of Academician Aleksandr Terenin. The Symposium was held on-line in Saint Petersburg on May 6–7 of 2021. The proceedings are available on the Symposium website www.terenin-2021.ru.

The International Symposium „Molecular Photonics“, in memory of Academician A.N. Terenin (1896–1967) is held on a regular basis (the first four sessions were held in 2006, 2009, 2012 and 2016) with a stable list of participants from many scientific, as well as educational and research institutions of Russian Federation and other countries, in total of about 130–150 persons. The start of the Symposium series was preceded by a commemorative conference devoted to the 100th anniversary of Birthday of A.N. Terenin, for the first time held in 1996, and attended by scientists from many countries of the world, including Nobel Laureate Lord G. Porter, Fellow of British Royal Society N. Sheppard. This fifth Symposium occasioned with the 125th anniversary of Birthday of A.N. Terenin, was held online due to pandemic. The lineup of the Symposium included lectures and oral reports, as well as panel and round table sessions. The topics of sections covered a wide agenda: optical spectroscopy of the surface, photocatalysis in heterogeneous systems, model photosynthetic systems, nanophotonics, energy passage, photoactive materials and applied molecular photonics.

The members of the lineup committee of the Symposium were V.A. Barachevsky, A.V. Emelin, V.L. Ermolaev, A.A. Krasnovsky, V.G. Maslov, A.A. Tsyganenko (chairman of the organizational committee) and Yu.V. Chizhov (deputy chairman). More than 80 speakers and attendees from Russia, France, Spain, India, Ukraine and Belarus took part in the Symposium. 5 key lectures, 27 oral reports and 52 communications were presented for two days of the Symposium. The memories of A.N. Terenin and his background were presented by professor A.V. Tulub. Professor L.V. Gorchakov told about the role of A.N. Terenin in organization of the spectroscopic school in the Tomsk University.