

Dear colleagues,

This issue is starting to carry out the renewed journal policy directed to achieve the following goals. First of all, this is to be the fruitful joint platform for exchange of knowledge, ideas and conceptions, for discussion and reflection, for introduction of advanced science, technologies and applications.

Secondly, SPQEO has to promote young scientists and PhD students for accelerating their activity, distributing their achievements among scientific community in the field of semiconductor physics, hetero- and low-dimensional structures, physics of microelectronic devices, linear and non-linear solid-state optics, optoelectronics and optoelectronic devices, quantum electronics and sensorics.

Thirdly, we plan to publish interdisciplinary, close to the above areas, tutorial presentations and lectures (only for subscribers), which will broaden our understanding the modern tendencies of science, technology and applications, for example, organic electronics or biosensing.

SPQEO journal was created in 1998 as an artificial combination of three main spheres of scientific activity inherent to V.Ye. Lashkaryov Institute of Semiconductor Physics of National Academy of Sciences of Ukraine: semiconductor physics, quantum electronics and optoelectronics. After twenty years, this artificial base has been turned into some organic symbiosis, namely:

- the main optoelectronic systems are based on semiconductor devices, for example, fiber-optic networks,
- semiconductor lasers dominate in a huge number of applications in quantum electronics,
- semiconductor physics proposes new types of LEDs with extremely high efficiency, and so on.

We invite all of you for cooperation and collaboration both as readers and authors.

Sincerely yours,
Alexander Belyaev