

Published quarterly by the Lithuanian Academy of Sciences. 2021 impact factor 0.638.

The Journal started in 1961 as *Lietuvos fizikos rinkinys* (*Litovskii Fizicheskii Sbornik*). Since 1993 it has the present title *Lithuanian Journal of Physics* (*Lietuvos fizikos žurnalas*). In 1974–1999, its English translation was published in the USA by Allerton Press, Inc., New York, as *Soviet Physics-Collection* (1974–1988) and *Lithuanian Physics Journal* (1989–1999).

Submissions welcome via <https://www.e-publications.org/lfd/sbs/LJP/login>. Compiled under the auspices of the Lithuanian Physical Society. Email: lfz@lma.lt, website <https://www.lmaleidykla.lt/>.

AIMS AND SCOPE

The main aim of the *Lithuanian Journal of Physics* is to reflect the most recent advances in various fields of theoretical, experimental, and applied physics, including:

- mathematical and computational physics
- subatomic physics
- atoms and molecules
- chemical physics
- electrodynamics and wave processes
- nonlinear and coherent optics
- spectroscopy

- ferroelectrics and superconductors
- semiconductors
- condensed matter physics and technology
- environmental physics
- interdisciplinary physics

The *Lithuanian Journal of Physics* publishes regular research articles, brief communications, and topical reviews of authors from Lithuania and other countries. Special issues of the Journal are devoted to the best papers presented at national and international scientific conferences.

EDITORIAL BOARD

Evaldas Tornau (Editor-in-Chief), *Center for Physical Sciences and Technology, Vilnius*

Andrius Bernotas (Editorial Secretary), *Lithuanian Academy of Sciences and Vilnius University, Vilnius*

Jūras Banyš, *Lithuanian Academy of Sciences and Vilnius University, Vilnius*

Renata Butkutė, *Center for Physical Sciences and Technology, Vilnius*

Adolfas Dargys, *Center for Physical Sciences and Technology, Vilnius*

Audrius Dubietis, *Vilnius University, Vilnius*

Vidmantas Gulbinas, *Center for Physical Sciences and Technology, Vilnius*

Gytis Juška, *Vilnius University, Vilnius*

Žilvinas Kancleris, *Center for Physical Sciences and Technology, Vilnius*

Bronislovas Kaulakys, *Vilnius University, Vilnius*

Giedrius Laukaitis, *Kaunas University of Technology, Kaunas*

Vidmantas Remeikis, *Center for Physical Sciences and Technology, Vilnius*

Mantas Šimėnas, *Vilnius University, Vilnius*

Juozas Vaitkus (Associate Editor-in-Chief), *Vilnius University, Vilnius*

Leonas Valkūnas, *Lithuanian Academy of Sciences and Center for Physical Sciences and Technology, Vilnius*

INTERNATIONAL ADVISORY BOARD

Steponas Ašmontas, *Center for Physical Sciences and Technology, Vilnius, Lithuania*

Kiril Blagoev, *Solid State Institute, Bulgarian Academy of Sciences, Sofia, Bulgaria*

Saulius Juodkazis, *Swinburne University of Technology, Melbourne, Australia*

Jacek Karwowski, *Toruń University, Toruń, Poland*

Kenway Smith, *Glasgow University, Glasgow, UK*

Keşutis Staliūnas, *Universitat Politècnica de Catalunya, Barcelona, Spain*

Sune Svanberg, *Lund Institute of Technology, Lund, Sweden*

Andris Sternberg, *University of Latvia, Riga, Latvia*

Juozas Vaitkus, *Vilnius University, Vilnius, Lithuania*

Indexed in EBSCO, Clarivate Master Journal List and Web of Science™

Editors Virgilija RIMOŠAITYTĖ and Sandra TAMULIONIENĖ,
tel. +370 602 68776

Layout designer Regina KUNIGĖLIENĖ, tel. +370 602 68611

All rights reserved. This publication or parts thereof may not be reproduced in any form without permission of the publisher.

© Lietuvos mokslų akademija, 2024