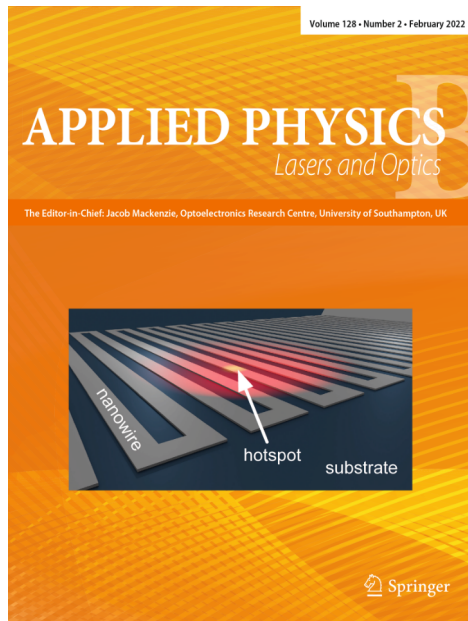


## Applied Physics B homepage

<https://www.springer.com/journal/340>



## Journal updates

### Call for Papers: Europhoton 2022

This topical issue will cover the latest breakthroughs in the field of solid-state, fibre and waveguide light sources. Please click here to find more information.



This topical issue will cover the latest breakthroughs in the field of solid-state, fibre and waveguide light sources. Included papers will cover the topics explored at the 10<sup>th</sup> EPS-QEOD [Europhoton](#) conference to be held in Hannover, Germany (August 28<sup>th</sup> - September 2<sup>nd</sup>, 2022).

Two broad topics are covered at Europhoton, 'Solid-State Lasers' and 'Fibre and Waveguide Devices'. Furthermore, this year's special symposium at the conference is dedicated to 'AI in laser science'. As such this **Europhoton 2022** topical issue will focus on developments at the frontiers of these fields capturing the state of the art, and new directions and systems.

Topics of interest include, but are not limited to:

- Novel concepts in laser and amplifier architectures
- Upconversion, tunable, and ultrafast solid-state lasers
- Developments in average- and peak-power scaling
- Novel nonlinear (Parametric, Raman etc.) oscillators and amplifiers
- Exploration of new spectral regimes, including nonlinear conversion
- Growth, characterisation, and spectroscopic investigations of nonlinear and solid-state-laser materials
- Novel fibre and waveguide concepts, fabrication, and characterisation
- Waveguided broadband and super-continuum light sources

## For authors

[Submission guidelines](#)

[Ethics & disclosures](#)

[Open Access fees and funding](#)

[Contact the journal](#)

[Calls for papers](#)

Submit manuscript

## Explore

[Volumes and issues](#)

[Collections](#)

Sign up for alerts