

SPIE. DIGITAL LIBRARY

CONFERENCE PROCEEDINGS

PAPERS

PRESENTATIONS

JOURNALS

EBOOKS

Search the world's largest collection of optics and photonics applied research

Enter your search term



SEARCH ›

SPIE. PHOTONICS
WEST

SPIE. MEDICAL
IMAGING

Augmenting Exploration

Parker Abercrombie
NASA Jet Propulsion Laboratory

**Newly Published
Proceedings**

[Proceedings of SPIE](#)

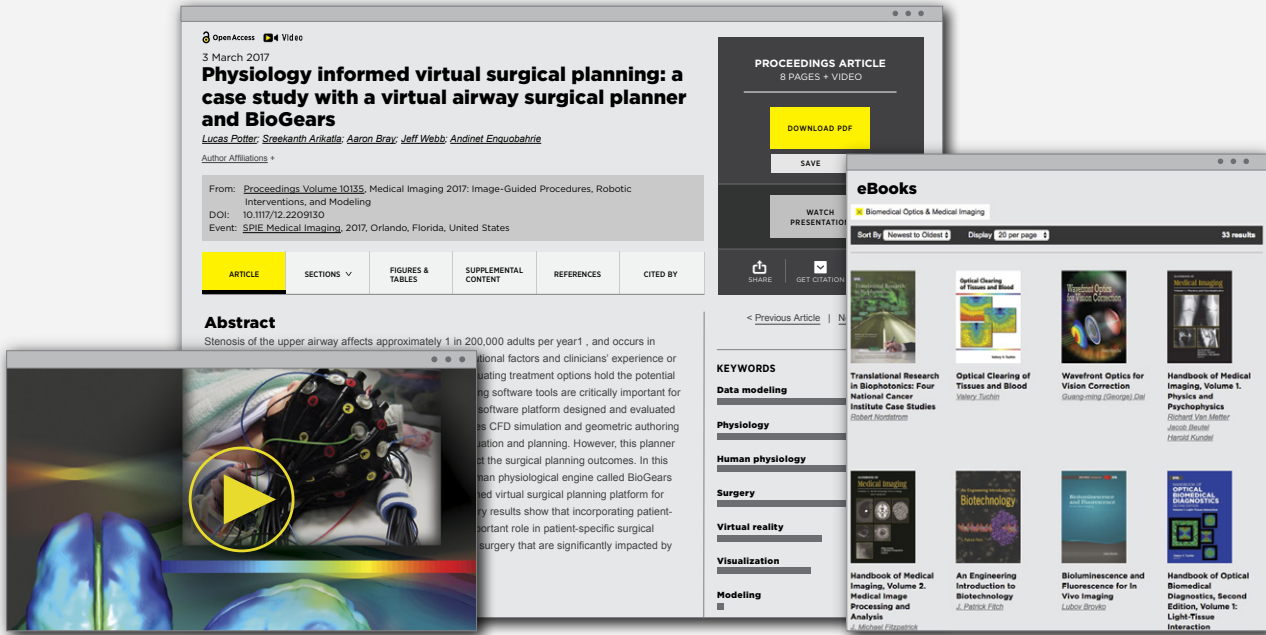
**Featured
Presentation**

[Watch the video](#)

**Featured Journal
Article**

[Read article](#)

SPIE IS THE INTERNATIONAL SOCIETY FOR OPTICS AND PHOTONICS



Get the leading research with the SPIE Digital Library:

- » Aerospace & Defense Technologies
- » Biomedical Photonics & Medical Imaging
- » Communications & Networks
- » Imaging & Display Technologies
- » Lasers & Applications
- » Nano/Micro Electronics & Materials
- » Optical Science & Engineering
- » Physics & Astronomy
- » Remote & Environmental Sensing
- » Renewable Energy & Efficiency

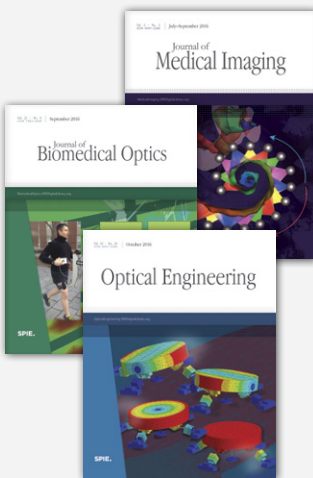
Subscription Options
 Subscriptions are flexible and tiered to meet institutional and personal needs.
 Learn more at: spiedl.org



Proceedings

SPIE is the largest organizer of conferences in the field of optics and photonics with over 300 annual conferences. These conferences attract the world's top authors to present their latest research in optics and photonics. The resulting conference proceedings report on up-to-the-minute, cutting-edge advancements in emerging technologies

- » 430,000+ articles from 1963 to the present
- » Cited in 100,000+ U.S. patents
- » Based on the usage of millions of researchers from many different institutions around the world, SPIE Proceedings are consistently ranked in the top 50 most popular out of 50,000 journals in Ex Libris Group's bX Journal Popularity Report.
- » Beginning with 2016 conferences, the majority of proceedings include a conference presentation video recording.



Journals

Led by distinguished editorial boards, SPIE Journals publish significant peer-reviewed articles on cutting-edge applied research and emerging technologies in all fields of optics and photonics.

Journal of Applied Remote Sensing
Journal of Astronomical Telescopes, Instruments, and Systems
Journal of Biomedical Optics
Journal of Electronic Imaging
Journal of Medical Imaging

Journal of Micro/Nanolithography, MEMS, and MOEMS
Journal of Nanophotonics
Journal of Photonics for Energy
Neurophotonics
Optical Engineering

- » 30,000+ peer-reviewed articles
- » Indexing in major scientific databases, including Web of Science–Science Citation Index, Current Contents, Ei Compendex, Inspec, Scopus, Google Scholar, SAO/NASA Astrophysics Data System
- » Linking provided through CrossRef for effective research sharing and dissemination
- » All articles are copyedited and typeset.



eBooks

Add more than 310 SPIE eBooks to your subscription:

Field Guides: Concise quick-reference guides to key information that students, practicing engineers, and scientists need in the lab and in the field.

Spotlights: Concise, topically focused, peer-reviewed mini-tutorials covering a technology application or technique.

Press Monographs: Authoritative reference works, texts, and handbooks.

Tutorial Texts: Tutorials covering fundamental and emerging topics at introductory and intermediate levels.

Written by authors at the top of their fields, SPIE eBooks provide engineers and scientists with access to a collection spanning a wide range of optics and photonics technologies. Available for purchase or subscription for an additional fee.

SPIE. DIGITAL
LIBRARY

spiedl.org

The world's largest collection of optics and photonics applied research

North America Will Goodman

Digital Library Sales
+1 360 685 5599
willg@spie.org

International Marybeth Manning

Director, Digital Library Sales
+1 360 685 5440
marybeth@spie.org

SPIE.

SPIE is the international society for optics and photonics, an educational not-for-profit organization founded in 1955 to advance light-based technologies. The Society serves nearly 264,000 constituents from 166 countries, the Society advances emerging technologies through interdisciplinary information exchange, continuing education, publications, patent precedent, and career and professional growth. SPIE annually organizes and sponsors approximately 25 major technical forums, exhibitions, and education programs in North America, Europe, Asia, and the South Pacific. In 2016, the Society provided over \$4 million in support of scholarships, grants, and other education programs around the world.

For more information about SPIE, visit spie.org

SPIE Headquarters
1000 20th Street
Bellingham, Washington
98225-6705 USA