

SPIE Digital Library

이용매뉴얼

신원데이터넷

info@shinwon.co.kr

1. 출판사 소개

2. SPIE Digital Library 소개

- Contents
- 메인화면

3. Browse

- Proceedings by Conference
- Proceedings By Year
- Proceedings By Volume No.
- Proceedings By Title
- Journals
- Topic Collection

4. Search

- Quick Search
- Advanced Search

5. 부가기능

- Email Alert
- My Article Collection

6. 주의사항

“The largest collection of optics and photonics content in the world”

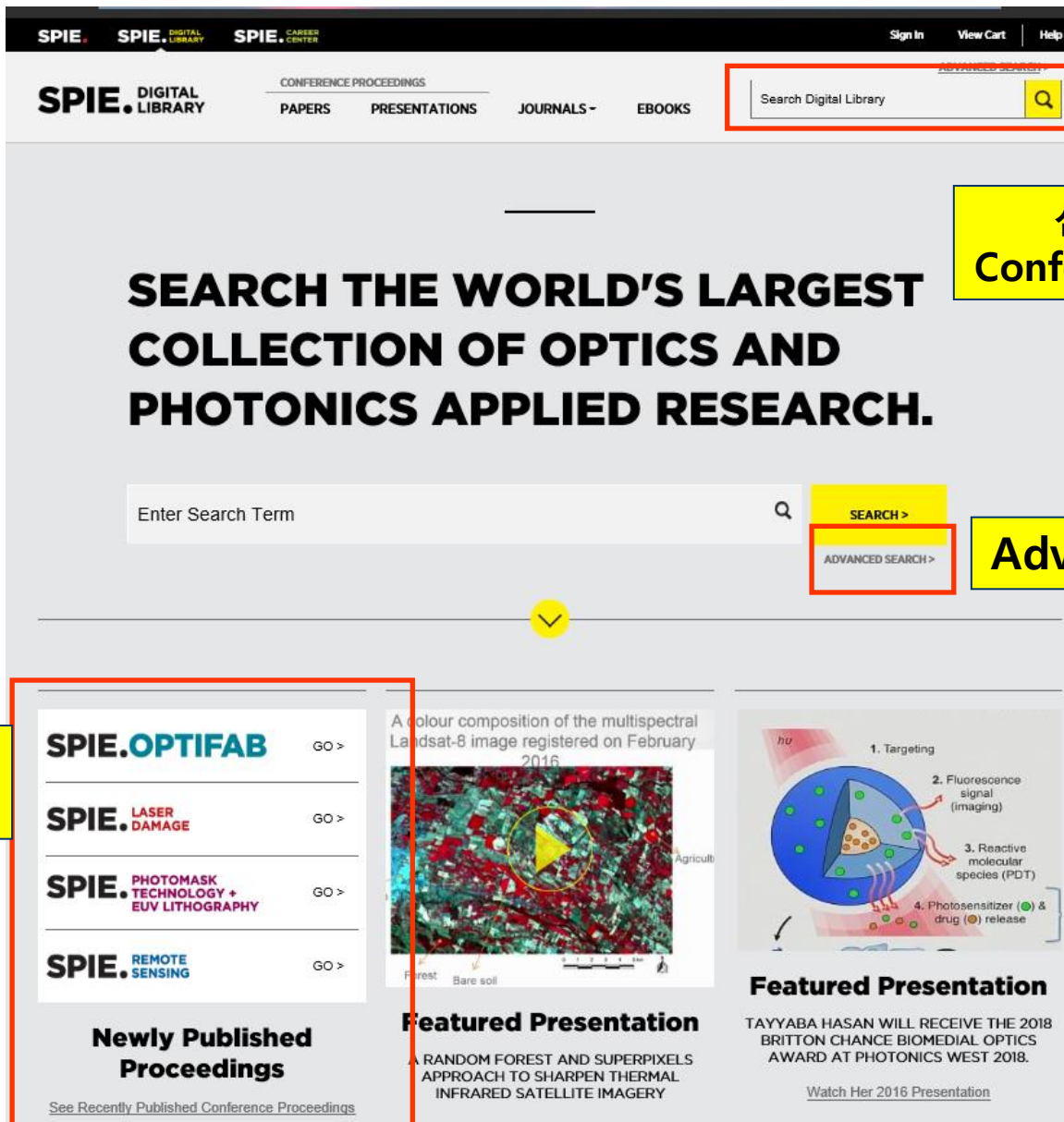
- ⊙ 비영리기관인 SPIE는 1955년 설립되어 현재 170개국 이상, 18,000여명의 회원을 보유하고 있으며, 연간 25개의 major conference를 진행 또는 지원

- ⊙ 주제분야
 - Astronomy
 - Biomedical Optics and Medical Imaging
 - Communications and Information Technology
 - Defense and Security
 - Electronic Imaging and Signal Processing
 - Energy
 - Lasers
 - Light Sources and Illumination
 - Lithography and Microelectronics
 - Metrology
 - Nanotechnology
 - Optics
 - Remote Sensing
 - Sensors

⊙ 제공 Contents

- URL : <http://spiedigitallibrary.org>
- 1962년 이후 자료 제공
- Journal : 11종 (1종 open access)
- eBook : 339권 (매년 20~25권 가량 업데이트 됨)
- Conference Proceedings : Volume 10,800 여건 이상
- 현재 약 440,000 건의 article 제공
- 매년 약 18,000건의 article 추가

* 2018년 7월 기준



The screenshot shows the SPIE Digital Library homepage. At the top, there is a navigation bar with 'SPIE. DIGITAL LIBRARY' and 'SPIE. CAREER CENTER' on the left, and 'Sign In', 'View Cart', and 'Help' on the right. Below this, there are links for 'CONFERENCE PROCEEDINGS', 'PAPERS', 'PRESENTATIONS', 'JOURNALS', and 'EBOOKS'. A search bar labeled 'Search Digital Library' is highlighted with a red box. Below the navigation, the main heading reads 'SEARCH THE WORLD'S LARGEST COLLECTION OF OPTICS AND PHOTONICS APPLIED RESEARCH.' Below this heading is a search input field with the placeholder 'Enter Search Term' and a 'SEARCH >' button, both highlighted with a red box. Below the search input is an 'ADVANCED SEARCH >' button, also highlighted with a red box. On the left side, there is a 'Newly Published Proceedings' section with four items: 'SPIE. OPTIFAB', 'SPIE. LASER DAMAGE', 'SPIE. PHOTOMASK TECHNOLOGY + EUV LITHOGRAPHY', and 'SPIE. REMOTE SENSING', each with a 'GO >' link. This section is highlighted with a red box. In the center, there is a 'Featured Presentation' section with a thumbnail image of a satellite image and the text 'A colour composition of the multispectral Landsat-8 image registered on February 2016'. Below this is another 'Featured Presentation' section with a diagram of a cell and the text '1. Targeting', '2. Fluorescence signal (imaging)', '3. Reactive molecular species (PDT)', and '4. Photosensitizer & drug release'. This section is also highlighted with a red box.

Quick Search

신규 업로드 된
Conference Proceeding


Advanced Search

최근 업로드 된
Proceedings

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| | | | | |
|---|---|--|--|---|
| SPIE. NANOPHOTONICS AUSTRALASIA 10-13 December 2017 Melbourne, Australia | SPIE. OPTIFAB 16-19 October 2017 Rochester, New York, United States | SPIE. LASER DAMAGE 24-27 September 2017 Boulder, Colorado, United States | SPIE. PHOTOMASK TECHNOLOGY + EUV LITHOGRAPHY 11-14 September 2017 Monterey, California, United States | SPIE. REMOTE SENSING 11-14 September 2017 Warsaw, Poland |
| SPIE. SECURITY+ DEFENCE 11-14 September 2017 Warsaw, Poland | SPIE. OPTICS + PHOTONICS 6-10 August 2017 San Diego, California, United States | SPIE. OSA EUROPEAN CONFERENCES ON BIOMEDICAL OPTICS 25-29 June 2017 Munich, Germany | SPIE. OPTICAL METROLOGY 25-29 June 2017 Munich, Germany | SPIE. MICRO TECHNOLOGIES 8-10 May 2017 Barcelona, Spain |

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2018 (15 Volumes)

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|-----------------------|---|
| 10390 | Target Diagnostics Physics and Engineering for Inertial Confinement Fusion VI |
| 10392 | Hard X-Ray, Gamma-Ray, and Neutron Detector Physics XIX |
| 10393 | Radiation Detectors in Medicine, Industry, and National Security XVIII |
| 10424 | Remote Sensing of Clouds and the Atmosphere XXII |
| 10425 | Optics in Atmospheric Propagation and Adaptive Systems XX |
| 10427 | Image and Signal Processing for Remote Sensing XXIII |
| 10456 | Nanophotonics Australasia 2017 |
| 10458 | AOPC 2017: 3D Measurement Technology for Intelligent Manufacturing |
| 10461 | AOPC 2017: Optical Spectroscopy and Imaging |
| 10462 | AOPC 2017: Optical Sensing and Imaging Technology and Applications |

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BY VOLUME NO.

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8000-8999

7000-7999

6000-6999

5000-5999

4000-4999

3000-3999

2000-2999

1000-1999

1-999

Volume No.

- 10600-10699

Volume

Volume Title

10603

Photonics, Devices, and Systems VII

10605

LIDAR Imaging Detection and Target Recognition 2017

10612

Thirteenth International Conference on Correlation Optics

10613

2017 International Conference on Robotics and Machine Vision

10616

2017 International Conference on Optical Instruments and Technology: Optical Systems and Modern Optoelectronic Instruments

10617

2017 International Conference on Optical Instruments and Technology: Optoelectronic Devices and Optical Signal Processing

10618

2017 International Conference on Optical Instruments and Technology: Advanced Optical Sensors and Applications

10619

2017 International Conference on Optical Instruments and Technology: Advanced Laser Technology and Applications

상세 Volume No. 선택

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Conference Presentations are recordings of oral presentations given at SPIE conferences and published as part of the conference proceedings. They include the speaker's narration along with a video recording of the presentation slides and animations. Many conference presentations also include full-text papers. Search and browse our growing collection of more than 9,000 conference presentations, included many plenary and keynote presentations.

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Q

YEAR

Range

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Single Year

CONFERENCE NAME

- Photonics West (3,300)
- Optics + Photonics (3,206)
- BIOS (2,062)
- Optical Engineering + Applications (1,445)
- NanoScience + Engineering (1,274)

Conference Presentations

| | | | |
|---|---|--|---|
| <p style="font-size: x-small; margin: 0;">22 January 2018</p> <p style="font-size: small; margin: 0;">Reduction and control of intrafield focus variation on 7nm technology</p> <p style="font-size: x-small; margin: 0;">Arjan Gijbertsen, et al.</p> | <p style="font-size: x-small; margin: 0;">22 January 2018</p> <p style="font-size: small; margin: 0;">High-contrast spectroscopy testbed for segmented telescopes</p> <p style="font-size: x-small; margin: 0;">B. Mennesson, et al.</p> | <p style="font-size: x-small; margin: 0;">2 November 2017</p> <p style="font-size: small; margin: 0;">Mapping forest disturbance and recovery for forest dynamics over large areas using Landsat time-series remote sensing</p> <p style="font-size: x-small; margin: 0;">Samuel Hislop, et al.</p> | <p style="font-size: x-small; margin: 0;">2 November 2017</p> <p style="font-size: small; margin: 0;">Estimation of leaf water contents from mid- and thermal infrared spectra by coupling genetic algorithm and partial least squares regression</p> <p style="font-size: x-small; margin: 0;">Asad Ali, et al.</p> |
| <p style="font-size: x-small; margin: 0;">2 November 2017</p> <p style="font-size: small; margin: 0;">Determination of the actual evapotranspiration by using remote sensing methods</p> <p style="font-size: x-small; margin: 0;">Eser Bora</p> | <p style="font-size: x-small; margin: 0;">2 November 2017</p> <p style="font-size: small; margin: 0;">Flood monitoring technique based on RGB composite imagery using MODIS data</p> <p style="font-size: x-small; margin: 0;">S. Hong, et al.</p> | <p style="font-size: x-small; margin: 0;">2 November 2017</p> <p style="font-size: small; margin: 0;">A random forest and superpixels approach to sharpen thermal infrared imagery</p> <p style="font-size: x-small; margin: 0;">Consuelo Gonzalo-Martin, et al.</p> | <p style="font-size: x-small; margin: 0;">2 November 2017</p> <p style="font-size: small; margin: 0;">Mapping agroecosystem zone using remote sensing for food security analysis in Bantul district Daerah Istimewa Yogyakarta</p> <p style="font-size: x-small; margin: 0;">Sigit Heru Murti</p> |

키워드, 연도, 컨퍼런스 명으로 refine

1962년 이후의 12,000여 건 이상의 Keynote, 컨퍼런스 프레젠테이션 영상 정보 제공

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저널 메인 페이지

Journal of Applied Remote Sensing


Editor(s):
Editor-in-Chief: Ni-Bin Chang, University of Central Florida

The *Journal of Applied Remote Sensing* (JARS) is an online journal that optimizes the communication of concepts, information, and progress within the remote sensing community to improve the societal benefit for monitoring and management of natural disasters, weather forecasting, agricultural and urban land-use planning, environmental quality monitoring, ecological restoration, and numerous other commercial and scientific applications.

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저자 가이드

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Home > Journals > journal of applied remote sensing > Volume 12 > Issue 1

JOURNAL OF APPLIED REMOTE SENSING

VOL. 12 · NO. 1 | JANUARY 2018

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IN THIS ISSUE


저널의 해당 volume에 포함된 아티클

- Editorials (1)**
- Special Section on Improved Intercalibration of Earth Observation Data (7)**
- Image and Signal Processing Methods (6)**
- Remote Sensing Applications and Decision Support (16)**

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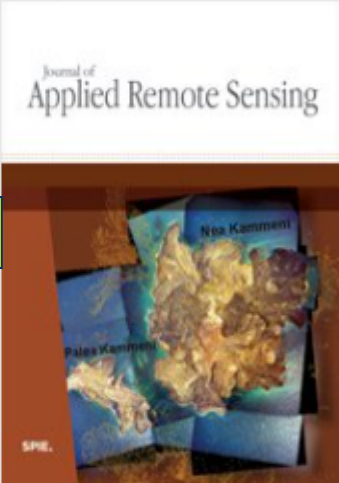
EDITORIALS

2017 List of Reviewers

J. Appl. Rem. Sens. 12(1), 010101 (17 January 2018) doi:10.1117/1.JRS.12.010101  Open Access

TOPICS: Lithium, Sun, Fluctuations and noise, Lutetium, Alternate lighting of surfaces, Aluminium phosphide, Chaos, Mahalanobis distance, Molybdenum, Field emission displays

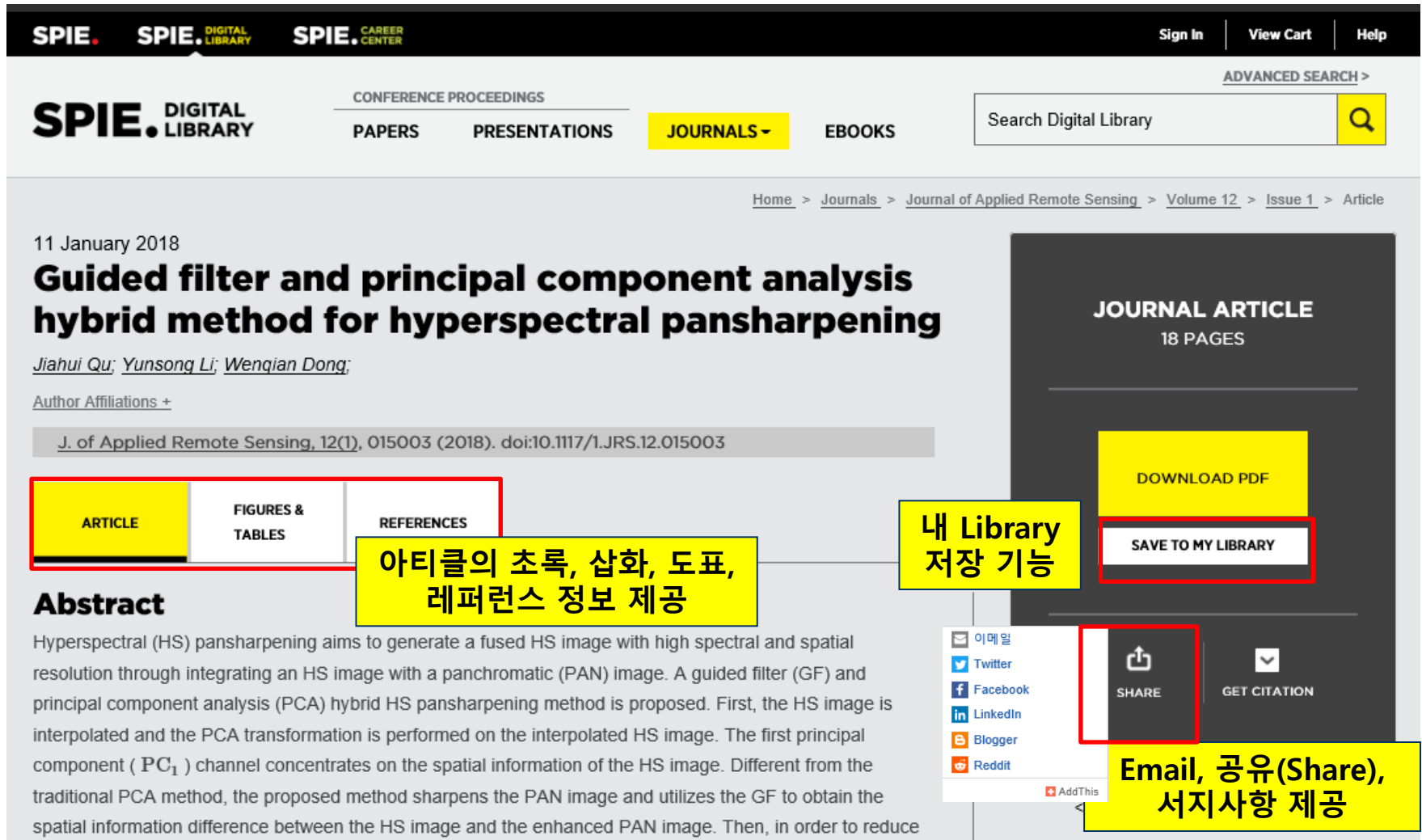
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11 January 2018

Guided filter and principal component analysis hybrid method for hyperspectral pansharpening

Jiahui Qu; Yunsong Li; Wenqian Dong;

Author Affiliations +

J. of Applied Remote Sensing, 12(1), 015003 (2018). doi:10.1117/1.JRS.12.015003

ARTICLE | FIGURES & TABLES | REFERENCES

아티클의 초록, 삽화, 도표, 레퍼런스 정보 제공

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Abstract

Hyperspectral (HS) pansharpening aims to generate a fused HS image with high spectral and spatial resolution through integrating an HS image with a panchromatic (PAN) image. A guided filter (GF) and principal component analysis (PCA) hybrid HS pansharpening method is proposed. First, the HS image is interpolated and the PCA transformation is performed on the interpolated HS image. The first principal component (PC_1) channel concentrates on the spatial information of the HS image. Different from the traditional PCA method, the proposed method sharpens the PAN image and utilizes the GF to obtain the spatial information difference between the HS image and the enhanced PAN image. Then, in order to reduce

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검색어 "Photonics"를 입력 후 Search 버튼 클릭.

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- Conference Proceedings (83,230)
- Paper (82,148)
- Presentation (2,645)
- Journal Article (4,406) +
- eBook (869) +

YEAR

Range: -

Single Year:

KEYWORDS

- Sensors (20,540)
- Absorption (13,831)
- Waveguides (8,058)
- Silicon (7,924)
- Luminescence (7,786)
- Refractive index (7,299)
- Photons (7,272)
- Crystals (6,941)
- Polarization (6,937)
- Mirrors (6,919)

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AUTHOR

AFFILIATION

CONFERENCE NAME

Proceedings Article | 8 October 2015 Open Access

Optics and photonics education centers of excellence: an opportunity for international collaboration

Daniel Hull

Proc. SPIE. 9793, Education and Training in Optics and Photonics: ETOP 2015

KEYWORDS: Education and training, Laser applications, Laser optics, Laser safety, Optics manufacturing, Photonics, Photonics systems, Precision optics, Standards development, Technician training

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Proceedings Article | 18 August 2010

Changes in optical spectrum of photonic fiber with two counter propagating laser beams

Vladimir Vasinek; Jan Latal; Petr Koudelka; Petr Siska; Frantisek Hanaec; Jan Skapa

Proc. SPIE. 7781, Photonic Fiber and Crystal Devices: Advances in Materials and Innovations in Device Applications IV

KEYWORDS: Fiber couplers, Fiber lasers, Laser beam propagation, Mirrors, Optical fibers, Photonic crystal fibers, Resonators, Semiconductor lasers, Signal attenuation, Structured optical fibers

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Proceedings Article | 21 August 2014

All-optical generation and linewidth narrowing of tunable photonic microwave based on nonlinear dynamics of semiconductor lasers

X. Lin; Z. Zhang; X. He; Y. He

Proc. SPIE. 9233, International Symposium on Photonics and Optoelectronics 2014

KEYWORDS: Laser optics, Microwave photonics, Microwave radiation, Nonlinear dynamics, Photodetectors, Photonic microstructures, Semiconductor lasers, Spectrum analysis, Stereolithography, Tunable lasers

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Proceedings Article | 24 October 2005 Open Access

University teaching laboratory on laser physics, photonics and fiber optics

I. Golovnin; V. Makarov; V. Morozov; O. Nani; S. Shlenov

Proc. SPIE. 9864, Ninth International Topical Meeting on Education and Training in Optics and Photonics

KEYWORDS: Fiber lasers, Fiber optics, Laser optics, Optical communications, Optical fibers, Photonics, Physics, Polarization, Rayleigh scattering, Scattering

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Proceedings Article | 24 October 2005 Open Access

Computer optics and photonics for students of laser engineering disciplines

V. Zakharov

Proc. SPIE. 9864, Ninth International Topical Meeting on Education and Training in Optics and Photonics

KEYWORDS: Computer simulations, Image processing, Laser applications, Laser engineering, Laser optics, Laser tissue interaction, Optical engineering, Photonics, Physics, Semiconductor lasers

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Proceedings Article | 28 May 2002 Open Access

Professional development in optics and photonics education

Judith Donnelly; Fenna Hanes; Nicholas Massa; Barbara Washburn

Proc. SPIE. 4588, Seventh International Conference on Education and Training in Optics and Photonics

KEYWORDS: Astrophysics, Fiber optic communications, Fiber optics, Laser applications, Laser optics, Laser safety, Networks, Photonics, Physics, Telecommunications

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