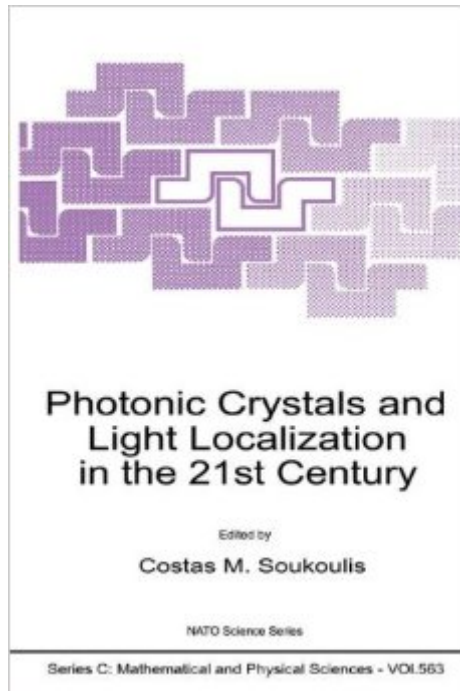


The book was found

# Photonic Crystals And Light Localization In The 21st Century (Nato Science Series C:)



## Synopsis

This volume contains papers presented at the NATO Advanced Study Institute (ASI) Photonic Crystals and Light Localization held at the Creta Maris Hotel in Limin Hersonissou, Crete, June 18-30, 2000. Photonic crystals offer unique ways to tailor light and the propagation of electromagnetic waves (EM). In analogy to electrons in a crystal, EM waves propagating in a structure with a periodically modulated dielectric constant are organized into photonic bands, separated by gaps where propagating states are forbidden. There have been proposals for novel applications of these photonic band gap (PBG) crystals, with operating frequencies ranging from microwave to the optical regime, that include zero-threshold lasers, low-loss resonators and cavities, and efficient microwave antennas. Spontaneous emission, suppressed for photons in the photonic band gap, offers novel approaches to manipulate the EM field and create high-efficiency light-emitting structures. Innovative ways to manipulate light can have a profound influence on science and technology.

## Book Information

Series: Nato Science Series C: (Book 563)

Paperback: 605 pages

Publisher: Springer; 2001 edition (June 13, 2008)

Language: English

ISBN-10: 0792369483

ISBN-13: 978-0792369486

Product Dimensions: 6.1 x 1.4 x 9.2 inches

Shipping Weight: 1.8 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #10,782,029 in Books (See Top 100 in Books) #79 in Books > Computers & Technology > Programming > Software Design, Testing & Engineering > Localization #1539 in Books > Science & Math > Chemistry > Crystallography #1806 in Books > Engineering & Transportation > Engineering > Telecommunications & Sensors > Microwaves

[Download to continue reading...](#)

Photonic Crystals and Light Localization in the 21st Century (Nato Science Series C:) Photonic Crystals and Light Localization in the 21st Century (NATO Science Series C: (closed)) Crystals and Sacred Sites: Use Crystals to Access the Power of Sacred Landscapes for Personal and Planetary Transformation Cassandra Eason's Healing Crystals: An Illustrated Guide to 150 Crystals and

Gemstones The Confessions: (Vol. I/1) Revised, (The Works of Saint Augustine: A Translation for the 21st Century) (The Works of Saint Augustine: A Translation for the 21st Century, Vol. 1)

Belwin's 21st Century Guitar Method, Bk 1: The Most Complete Guitar Course Available, Book, DVD & Online Audio, Video & Software (Belwin's 21st Century Guitar Course) Belwin's 21st Century Guitar Ensemble 1: The Most Complete Guitar Course Available (Student Book) (Belwin's 21st Century Guitar Course) Belwin's 21st Century Guitar Staff Manuscript Book (Belwin's 21st Century Guitar Library) Enhancing Indoor Localization with Proximity Information in WSN: A novel way of enhancing indoor localization in wireless sensor networks Localization in Wireless Sensor Network: An enhanced composite approach with mobile beacon shortest path to solve localization problem in wireless sensor network RF-based Indoor Localization in Sensor Networks: Localization Using Signal Fingerprinting Protocol for Wireless Localization Systems: Communications Protocol for RF-based Wireless Indoor Localization Networks Diode Lasers and Photonic Integrated Circuits Day Light, Night Light: Where Light Comes From (Let's-Read-and-Find-Out Science 2) Roget's 21st Century Thesaurus: Updated and Expanded 3rd Edition, in Dictionary Form (Roget's Twentieth-First Century Thesaurus in Dictionary Form) In the Company of Rilke: Why a 20th-Century Visionary Poet Speaks So Eloquently to 21st-Century Readers Book of Extremes: Why the 21st Century Isn't Like the 20th Century Home Economics: Vintage Advice and Practical Science for the 21st-Century Household Mind Wars: Brain Science and the Military in the 21st Century Healthcare and Biomedical Technology in the 21st Century: An Introduction for Non-Science Majors

[Dmca](#)