

Photonic Crystal Fibers: Properties And Applications (Springer Series In Materials Science) By F. Poli

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Photonic crystal fibers (PCFs) are a new class of optical fibers. They typically consist of a single glass material, such as pure silica, where the introduction of

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Photonic-crystal fiber (PCF) is a new class of optical fiber based on the properties of photonic crystals. Because of its ability to confine light in hollow cores or

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1. Introduction. Photonic crystal fibers (PCFs) are made from single material such as silica glass, with an array of microscopic air channels running along its length

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Photonic crystal fiber to construct a fiber with a photonic a family of slightly different fibers, measure their properties and select the one that

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Abstract. The history, fabrication, theory, numerical modeling, optical properties, guidance mechanisms, and applications of photonic-crystal fibers are reviewed.

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do not depend on quantum properties of light. These include photonic crystals, photonic crystal fibers and metamaterials. Amplifiers

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Recent progress and novel applications of photonic

References from the article Recent progress and novel applications of photonic crystal fibers. Russell P S J 2003 Photonic crystal fibers Science Poli F

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