

Call for Papers

**Announcement of an *IEEE/OSA*
Journal of Lightwave Technology Special Issue on:
Microstructured Fibers**

**** Submission Deadline: October 30th, 2008****

The *IEEE/OSA Journal of Lightwave Technology* invites manuscript submissions in the area of Microstructured Fibers including photonic crystal fibers, photonic band-gap fibers, nanostructured fibers, and hole assisted fibers.

SCOPE: Original contributions on design, fabrication and applications of microstructured fibers including:

New fiber designs offering unique optical properties; Advanced modeling techniques; Low cost and innovative fabrication methods; Microstructured fibers from different materials; Passive and active microstructured fibers; Post-processing of microstructured fibers, including surface functionalisation and tapering; Transmission losses; Fiber strength and reliability; Splicing and connectorization; Nonlinear fibers and effects including wavelength conversion, supercontinuum generation and soliton propagation; Optical effects in hollow-core fibers; Bend insensitive fibers for access; Large effective area fibers; Devices based on microstructured fibers; Applications of microstructured fibers for transmission, fiber lasers, sensors, etc,

The Guest Editors for this issue are: **Ming-Jun Li**, Corning Inc., **Tanya Monro**, University of Adelaide, **Kunimasa Saitoh**, Hokkaido Univ., **Jonathan Knight**, Univ. of Bath.

****The deadline for submission of manuscripts is October 30th, 2008 and publication is scheduled for the April 2009 issue.** Please upload your paper to Manuscript Central and choose the **2009 Fibers* special issue*. All submissions will be reviewed in time for the special issue and in accordance with the normal procedures of the Journal.

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