

Fiber Optics and Photonics: Emerging Applications—introduction to the feature issue

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This feature issue of *Applied Optics* was planned to cover a representative selection of papers presented at Photonics 2010, the international conference on fiber optics and photonics that was held at the Indian Institute of Technology campus at Guwahati in India during 11–15 December, 2010. This conference is held biennially in India and now attracts large participation and sponsorships from major optics and photonics societies and industries around the globe. The number of paper submissions grew significantly at the Photonics 2008 conference held in New Delhi, and Photonics 2010 saw this number increase further. Our focus was to select papers primarily

from those presented at the conference on the emerging areas of nanophotonics, plasmonics, fiber optical sensors, specialty fibers, and guided wave optical components. The feature issue was also open to new submissions as well, which were not necessarily presented at the Photonics 2010 conference. All the papers went through the usual peer review system of the journal. We, as co-topical editors for this feature issue, are very pleased to present this select collection of papers, which were finally accepted to appear in this feature issue after peer reviews. We wish all the readers happy reading.