

WEBINARS PHOTONICS MEDIA photonics.com

Expand your knowledge. Grow your career.



Join us for a **FREE Webinar**

Table-Top Fabrication of Plasmonics-Based Ultrathin Optical Components

Thu, Apr 6, 2017, 1:00 PM - 2:00 PM EDT

[Register Now](#)

About This Webinar

Plasmonics research is opening the door to ultrasmall, ultrafast devices that also use less energy than conventional electronics. In this webinar, Professor Toussaint will begin with an overview of his group's work with plasmonic nanoantennas, and then describe how these structures can be harnessed to develop a simplified, table-top approach to producing flat, ultrathin optics using plasmon-assisted etching.

Kimani C. Toussaint, Jr., Ph.D., is an associate professor in the Department of Mechanical Science and Engineering, and an affiliate faculty in the Departments of Electrical and Computer Engineering and Bioengineering, as well as the Beckman Institute for Advanced Science and Technology at the University of Illinois at Urbana-Champaign (UIUC). Toussaint also directs the laboratory for Photonics Research of Bio/Nano Environments (PROBE Lab) at UIUC, an interdisciplinary research group that focuses on quantitative nonlinear optical imaging of biological tissues and on investigating the optical properties of plasmonic nanostructures for light-driven control of matter.

Toussaint is a recipient of a 2010 NSF CAREER Award, the 2015 UIUC Dean's Award for Excellence in Research; and holds senior member positions in the OSA, IEEE and SPIE. He has previously been selected for both the National Academy of Science's 18th Annual Kavli Frontiers of Science Symposium and the 8th Annual National Academies Keck Futures Initiative on Imaging Science. In addition, Toussaint is a 2017 recipient of the UIUC Everitt Award for Teaching Excellence. From 2014 to 2015, he was a Dr. Martin Luther King, Jr. Visiting Associate Professor in the Department of Mechanical Engineering at Massachusetts Institute of Technology.



Mark Your Calendar

Date: Thu, Apr 6, 2017

Time: 1:00 PM - 2:00 PM EDT

Space is limited. Reserve your Webinar seat now at: <https://attendee.gotowebinar.com/register/6507024540739365123>

After registering you will receive a confirmation email containing information about joining the Webinar.

SYSTEM REQUIREMENTS

PC-based attendees

Required: Windows® 10, 8, 7, Vista, XP or 2003 Server

Mac® -based attendees

Required: Mac OS® X 10.6 or newer

Mobile attendees

Required: iPhone®, iPad®, Android™ phone or tablet, Windows 8 or Windows Phone 8

More from Photonics Media

Upcoming Webinars

- Large-Scale, Deep-Tissue Neuronal Imaging, Thu, Apr 20
- Introducing the CAOS Smart Camera - Empowering Extreme Imaging, Wed, Apr 26
- Simulating Metamaterials in the Terahertz Regime, Thu, Apr 27

Archived Webinars

- Transition Mode Reactive Sputtering Using PEM
- Integrating Camera Technology Into an Outstanding Machine Vision Solution
- High-Speed Imaging At and Beyond the Diffraction Limit

Questions: info@photonics.com

[Unsubscribe](#) | [Subscribe](#) | [Subscriptions](#) | [Privacy Policy](#) | [Terms and Conditions of Use](#)

Photonics Media, 100 West St., PO Box 4949, Pittsfield, MA 01202-4949
© 1996 - 2017 Laurin Publishing. All rights reserved. Photonics.com is Registered with the U.S. Patent & Trademark Office.
Reproduction in whole or in part without permission is prohibited.