

WHITE PAPERS & APPLICATION NOTES



Clean, New Bioenergy Sources: One Molecule at a Time



Clean, New Bioenergy Sources: One Molecule at a Time

Researchers at Penn State University are spearheading a multidisciplinary research effort to explore ways to produce bioethanol more efficiently from lignocellulose. Importantly, this is not corn ethanol; it is ethanol derived from corn stalks, switch grass, and fast growing weeds which would be otherwise composted. In order to investigate the enzymatic breakdown of cellulose and explore the optimum efficiencies that can be obtained, the Hancock lab at Penn State employed various microscopy techniques with the aid of a unique single molecule microscope.

DOWNLOAD WHITE PAPER



MAD CITY LABS INC.

More White Papers from This Sponsor

- Resonant Probe AFM: Uses and Advantages
- Is a DIY Microscope for You?
- Understand Noise at the Sub-nanometer Level

Visit Photonics Media to download other white papers and learn more about the latest developments in lasers, imaging, optics, biophotonics, machine vision, spectroscopy, microscopy, photovoltaics and more.

www.photonics.com/WhitePapers.aspx

We respect your time and privacy. You are receiving this email because you are a Photonics Spectra magazine subscriber. You may use the links below to manage your subscriptions or contact us.

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 - 2023 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.



