BETO Hosting Two Webinars in April

The Bioenergy Technologies Office (BETO) is hosting two webinars in April. The first webinar—Computational Studies on Lignocellulose Deconstruction—will be held on April 15, 2013, from 1:00 p.m.–2:15 p.m. EST. During the event, Dr. Gnana S. Gnanakaran of Los Alamos National Laboratory will present on his team's molecular research on lignocellulosic biomass. The webinar will feature the laboratory's novel application of mathematical modeling and computational analysis to gain a better understanding of cellular and molecular biology. This approach provides one of the most in-depth looks at how lignocellulosic biomass functions, reacts, and changes.

The second webinar—Biomass and the Military—will be held on April 25, 2013, from 10:00 a.m.–11:30 a.m. EST. BETO staff members will talk about the Energy Department's and U.S. Navy's joint efforts to use biopower and biofuels in military vehicles. The webinar will provide an overview and recent updates on the plans and goals laid out by the Defense Production Act and the Innovative Pilot- and Demonstration-Scale funding opportunity. Both funding projects will develop novel processes and provide extensive opportunities to prepare for eventual commercialization, helping BETO meet its goals of creating reliable, sustainable, domestic biofuels to increase U.S. energy independence.

Please join us for informational and insightful discussions of these critical issues. Webinars are free and open to the public, but space is limited, so please register in advance:

- Register for Computational Studies on Lignocellulose Deconstruction
- Register for Biomass and the Military.

Announcing Biomass 2013!

On July 31–August 1, 2013, BETO and Advanced Biofuels USA will co-host the sixth annual biomass conference, *Biomass 2013: How the Advanced Bioindustry is Reshaping American Energy*, at the Washington, D.C., Convention Center. This year's conference will highlight the successes of the bioenergy industry over the past 20 years, as well as provide a forum to exchange ideas, showcase new technologies, and discuss opportunities for the future. Biomass 2013 promises to be an exciting and important conference for all things related to biomass, biofuels, and bioenergy.

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More details regarding Biomass 2013, including registration and the draft conference agenda, will be coming soon to the [BETO website](). We hope to see you there!

Natural Gas-Biomass to Liquids Workshop Coming in September

BETO is working with the Office of Fossil Energy and the National Energy Technology Laboratory to host a workshop on Natural Gas-Biomass to Liquids (GBTL) on September 3, 2013, in Chicago, Illinois. The objective of this workshop is to obtain input from industry, academia, research establishments, and other experts on the role of the Energy Department in the production of liquid transportation fuels or products from combinations of natural gas and biomass feedstocks.

The workshop, which will be open to the public, will be held as a pre-conference event in conjunction with *tcbiomass2013*—the international conference on thermochemical biomass conversion science. Details and registration information for *tcbiomass2013* can be found on the [Gas Technology Institute website](). For more information, including details on how to provide feedback to the GBTL Workshop planning team, visit the [GBTL Workshop page]() on the BETO website.

In the Spotlight: Gene Petersen

Gene Petersen, a Technology Manager for integrated biorefinery activities, is in the spotlight this month as part of BETO's video series featuring Office staff. Watch [Episode 5]() of the Office's Staff Spotlight series to hear Gene discuss where he sees the Office in 10 years.

Did you miss the first 4 episodes? Watch them on the [Bioenergy KDF's YouTube channel]().

BioBlogs

In March, the [Bioenergy Technologies Office Blog]() featured a post on recent successes in feedstock logistics, made possible by BETO's [high-tonnage feedstock grant](). Grant recipient FDC Enterprises (FDCE)—in conjunction with Kelderman Manufacturing, Macdon Inc., and Allied Freeman—built and demonstrated a novel, three-piece feedstock supply prototype system. FDCE's system saves time and money, which helps to further BETO's mission of enabling the production of cost-competitive, high-performance biofuels, bioproducts, and biopower.

Past and Upcoming Events with Bioenergy Office Representation

- [Municipal Solid Waste to Biofuels and Bio-Products Summit](); February 20–21, 2013; Brian Duff; Orlando, Florida
- [ARPA-E Energy Innovation Summit](); February 25–27, 2013; Dan Fishman, Prasad Gupte, Erin Searcy, and Joyce Yang; Washington, D.C.
- [International Biomass Conference & Expo](); April 8–10, 2013; Elliott Levine; Minneapolis, Minnesota
- [Advanced Biofuels Leadership Conference](); April 15–17, 2013; Zia Haq;

Washington, D.C.
- [Bioenergy Deployment Consortium 2013 Spring Symposium](#); April 22, 2013; Neil Rossmeissl; Greensboro, North Carolina
- [BIO International Convention](#); April 22–23, 2013; Zia Haq; Chicago, Illinois
- [Biotechnology Industry Organization World Congress on Industrial Biotechnology](#); June 16–19, 2013; Joyce Yang; Montreal, Canada

Upcoming Industry Events
- [Northeast Biomass Heating Expo and Conference](#); April 3–5, 2013; Saratoga Springs, New York
- [IEEE Green Technologies Conference](#); April 4–5, 2013; Denver, Colorado
- [European Biomass to Power](#); April 10–11, 2013; Krakow, Poland
- [Advanced Biofuels Leadership Conference](#); April 15–17, 2013; Washington, D.C.
- [World CTL Conference](#); April 16–19, 2013; Shanghai, China
- [BIO International Convention](#); April 22–25, 2013; Chicago, Illinois
- [Heating the Midwest with Renewable Biomass Conference and Expo](#); April 24–26, 2013; Carlton, Minnesota
- [Advanced Energy Conference](#); April 30–May 1, 2013; New York, New York

To view past Monthly News Blasts, visit the [Bioenergy Technologies Office's Newsletter page](#)