

SSL Postings

U.S. DEPARTMENT OF ENERGY

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A Look Ahead at 2016

In last week's *Posting*, we took a look at some of the SSL highlights of 2015. This week we'll consider what DOE has in store for 2016. At the top of the list are three not-to-be-missed meetings, starting with our 13th annual [DOE SSL R&D Workshop](#), which takes place in Raleigh, NC, February 2–4 and brings together top experts and thought leaders from universities, labs, and companies large and small, to share the latest on SSL advances, examine market forces that are shaping SSL technology, and explore how the technology is defining new market opportunities. Later on, in November, we'll hold our 11th annual SSL Technology Development Workshop, where lighting industry experts convene to examine the latest SSL technology trends and look ahead to prepare for the next wave of innovation.

Also on tap is our second Connected Lighting Systems Meeting, which will be held in June, with details to come soon. It offers a chance to resume conversations that were initiated at the [inaugural Connected Lighting Systems Meeting](#), which took place in Portland, OR, in November 2015. This year, look for DOE to expand our [online resources related to connected lighting](#), and to provide technical support for various industry consortia efforts (both lighting and IT). We'll also conduct studies to test and characterize various aspects of installed connected lighting systems, providing manufacturers as well as specifiers and users with critical information on emerging products. And the 2016 [Next Generation Luminaires](#)[™] (NGL) Competition will include a new category on connected lighting systems, with the winners announced in April at LIGHTFAIR International.

In 2016, look for us to add to the online resources we've created to provide clarification on IES TM-30-2015, which outlines a new system for evaluating the color rendition of light sources. In addition to the [Technology Fact Sheet](#) we recently published on the topic, we'll soon be putting up a page of [FAQs](#) focused on aiding TM-30 implementation, with an explanatory video coming as well.

With color-tunable luminaires rapidly gaining market traction, we'll also be adding to the online resources we offer on that topic, by publishing additional [CALiPER](#) reports in our [series on color-tunable luminaires](#) and expanding our [body of related web content](#). And we'll be issuing other CALiPER reports as well, covering such topics as OLEDs, photometric flicker, street lighting impacts on sky glow, and

connected lighting device power — plus [GATEWAY](#) reports on such applications as assisted-living patient rooms, high mast lighting, and office lighting with OLEDs.

Also in the offing for 2016 is an updated SSL energy saving forecast, which will go beyond what our previous forecasts covered, to project the impact of connected lighting on energy savings. In addition, DOE plans to launch the 21st-Century Lamp category of the [L Prize](#)[®] competition this year (details to come). Plus the National Academy of Science is conducting a review of SSL technology status and trends, and we look forward to those findings, which will be published in 2016.

And as always, you can expect a new round of [DOE-funded R&D](#) projects tackling the most critical topics and continuing to advance the technology toward achieving its full potential as well as providing improved building blocks for new features and value in lighting.

These are just a few of the highlights of what's in store for 2016, which is shaping up to be a big year for the [DOE SSL Program](#). So stay tuned to these [Postings](#) to learn more as our plans unfold.

Best regards,
Jim Brodrick

As always, if you have questions or comments, you can reach us at postings@akoyaonline.com.