

# SSL Postings

U.S. DEPARTMENT OF ENERGY

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## Save the Dates for Two November Workshops

The high-profile progress solid-state lighting has been making, both commercially and technologically, tends to obscure the fact that it's still in its formative years, which comprise the most critical period for any technology because they pave the way for all that lies ahead. At this stage of the game, there's little doubt that what lies ahead for SSL includes not only unprecedented energy savings but also a substantial redefining of what lighting is all about. But in order to get there, much remains to be accomplished — which is why DOE continues to host solid-state lighting workshops aimed at helping the industry move forward by tackling the toughest issues of today and tomorrow. Two such workshops are scheduled for the month of November, so be sure to mark the dates on your calendar.

### SSL Technology Development Workshop

On November 17–18, DOE's 10<sup>th</sup> annual [Solid-State Lighting Technology Development Workshop](#) will be held in Portland, OR, where lighting industry experts will convene to examine the latest SSL technology trends and look ahead to prepare for the next wave of innovation. To get an idea what the workshop will be like, check out [this video](#) from last year's event. What sets these meetings apart from any others you're likely to encounter is not just the mix of perspectives that comes from drawing a broad cross-section of the lighting industry — from manufacturers to specifiers to end users — but also the fact that these are a far cry from being stodgy, one-way, we-talk-you-listen affairs. Rather, they're interactive, inclusive, and designed to encourage everyone in attendance to participate and share their perspectives. There is, quite simply, no better way to stay abreast of the fast-moving SSL market and keep up with its cutting edge.

This year's Technology Development Workshop takes place amid growing recognition that, thanks to SSL, lighting can have an impact on spaces that goes well beyond illuminating tasks. Many manufacturers are exploring new products that promise to deliver health and productivity benefits, or to improve occupant experiences in hospitality or retail environments. Attendees at the Technology Development Workshop will come to grips with such topics as tuning the spectrum for these additional benefits, the importance of optimizing a lighting system that now serves multiple purposes, how to keep energy in the equation, and the remaining technology challenges that are standing in the way of widespread

adoption. They'll identify and explore what needs to be done to unlock the full potential of SSL — and tap even deeper energy savings.

## **Connected Lighting Systems Workshop**

The SSL Technology Development Workshop will be preceded on November 16 by a separate, one-day workshop on connected lighting systems, held at the same Portland location. Building on a DOE roundtable that was held in March, the [Connected Lighting Systems Workshop](#) provides a forum to continue those discussions with a larger group of stakeholders. There's a great deal of buzz these days about the Internet of Things and the convergence of intelligent controllable light sources, communication networks, sensors, and data exchange in future lighting systems. But there are many barriers that could prevent these things from coming to pass — such as the difficulty of ensuring that all devices involved will be able to “talk” to one another in a manner and language all understand. Because tackling these barriers cuts across a number of technologies and fields, what's needed is a dialogue that's broad-based and interdisciplinary.

The Connected Lighting Systems Workshop provides just such a forum. Intended for top experts and stakeholders from the lighting, semiconductor, and IT industries, it will examine such issues as how lighting system configuration complexity can be reduced, where and when interoperability is needed, and why energy reporting matters. The goal is to create a discussion that starts the process of getting the disparate players on the same page and identifying potential paths forward.

Both the Technology Development Workshop and the Connected Lighting Systems Workshop offer unparalleled opportunities to dive in, roll up your sleeves, and help unlock the full potential of SSL by engaging in frank, open, no-holds-barred discussions with some of the top minds in the industry. For more information or to register, visit the [DOE SSL website](#).

As always, if you have questions or comments, you can reach us at [postings@akoyaonline.com](mailto:postings@akoyaonline.com).