

# LIGHT

## Beyond the Bulb

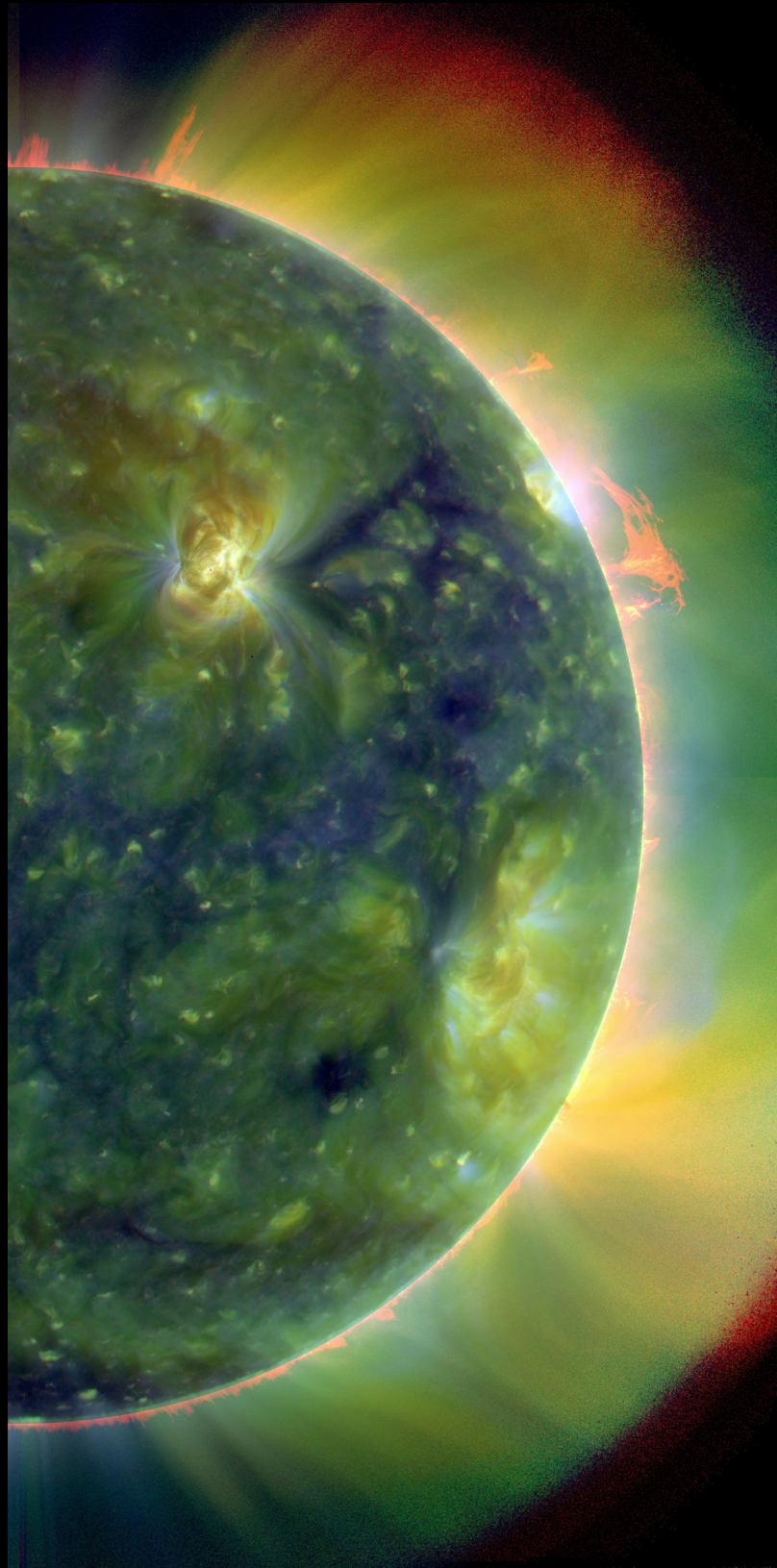


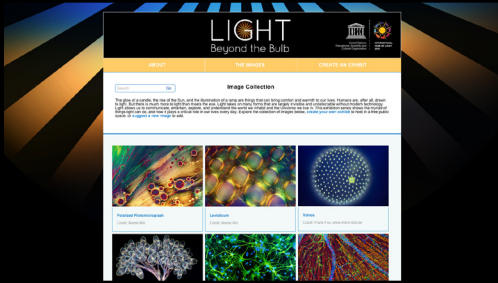
INTERNATIONAL  
YEAR OF LIGHT  
2015

“LIGHT: Beyond the Bulb” is an upcoming open-source international exhibition program to showcase the incredible variety of light-based science being researched today across the electromagnetic spectrum, across scientific disciplines, and across technological platforms. The exhibit materials and striking images were crowd-sourced and expert-curated for science content, high-quality printability, stunning beauty and ability to engage non-experts.

With short informative captions on each panel, “LIGHT: Beyond the Bulb” covers a robust selection of the science, technology, nature and culture essential to the goals of the International Year of Light 2015. Global organizers and volunteers can easily gain access to a free online repository of images and resources which functions as a toolkit to create an exhibit with relative ease—allowing sponsors to focus on the physical specifications and local adaptation without having to start from scratch on content.

“LIGHT: Beyond the Bulb” is based on the award-winning “From Earth to the Universe” public science exhibit model successfully demonstrated during the International Year of Astronomy in 2009 (IYA2009) that reached many tens of millions of participants across 1000 exhibits in 75 countries with materials translated in 40 languages. From parks to shopping malls to metros and cafes, placing the images and science of light in locations where our audiences already are will help make the International Year of Light visible and notable.





## CROSS-DISCIPLINARY CONTENT

High-quality collection of crowd-sourced and expert-curated materials on light—from familiar earth-based phenomena to atmospheric, planetary and astronomical phenomena, connecting science, technology, nature and culture.

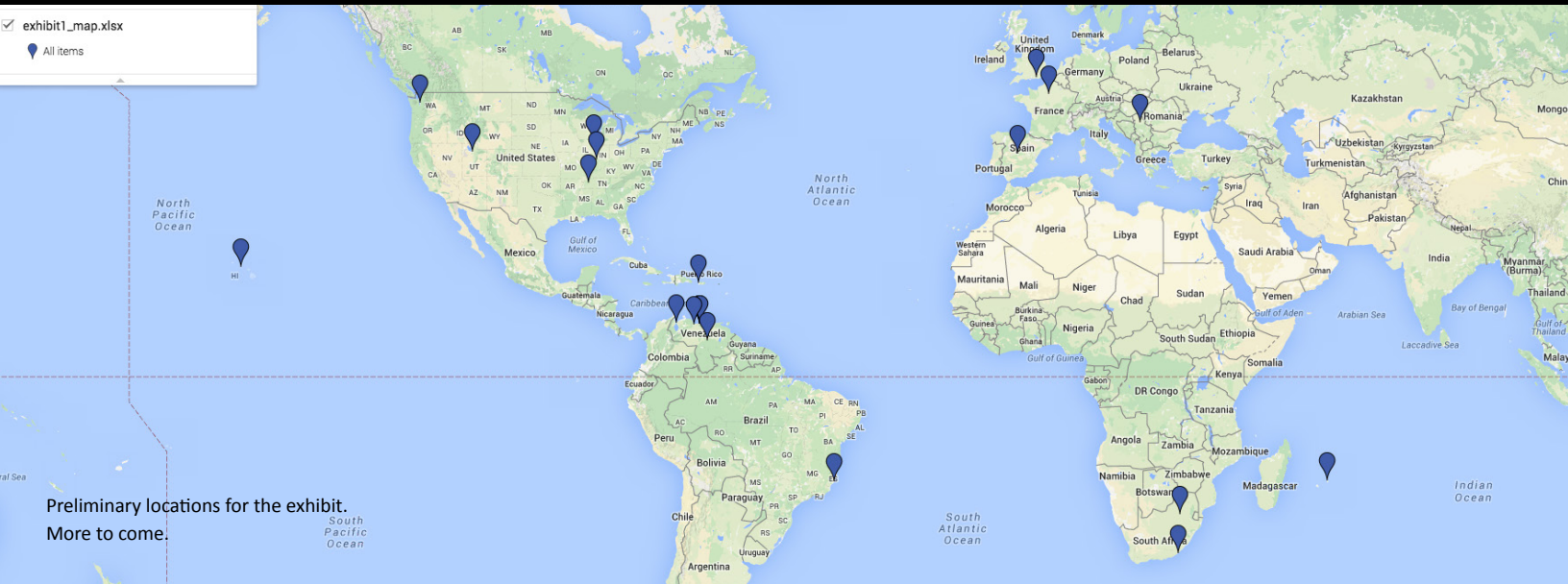
## SUSTAINABLE DIGITAL PRESENCE

Accessible, free online repository has dual function to engage greater public, but also to empower local organizers and hosts to utilize best-fit models of funding and location, resulting in a scalable model of exhibit creation.

## ASSET-BASED APPROACH TO EXHIBITS

Based on the award-winning From Earth to the Universe (FETTU) public science model for IYA2009, FETTU was exhibited in 1000 sites across 75 countries, with materials translated into 40 languages. Evaluations showed the creation of new networks of science outreach organizers, as well as visitor learning gains and increased interest in science.

exhibit1\_map.xlsx  
All items



Preliminary locations for the exhibit.  
More to come.

Together with SPIE (the international society for optics and photonics), the Chandra X-ray Center/Smithsonian Astrophysical Observatory are leading Light: Beyond the Bulb for the International Year of Light 2015 (IYL2015). Light: Beyond the Bulb is a cornerstone project for the International Astronomical Union. IYL2015 was declared by the United Nations and is supported by UNESCO. Email: [iyl@cfa.harvard.edu](mailto:iyl@cfa.harvard.edu)

[HTTP://LIGHTEXHIBIT.ORG](http://lightexhibit.org)