

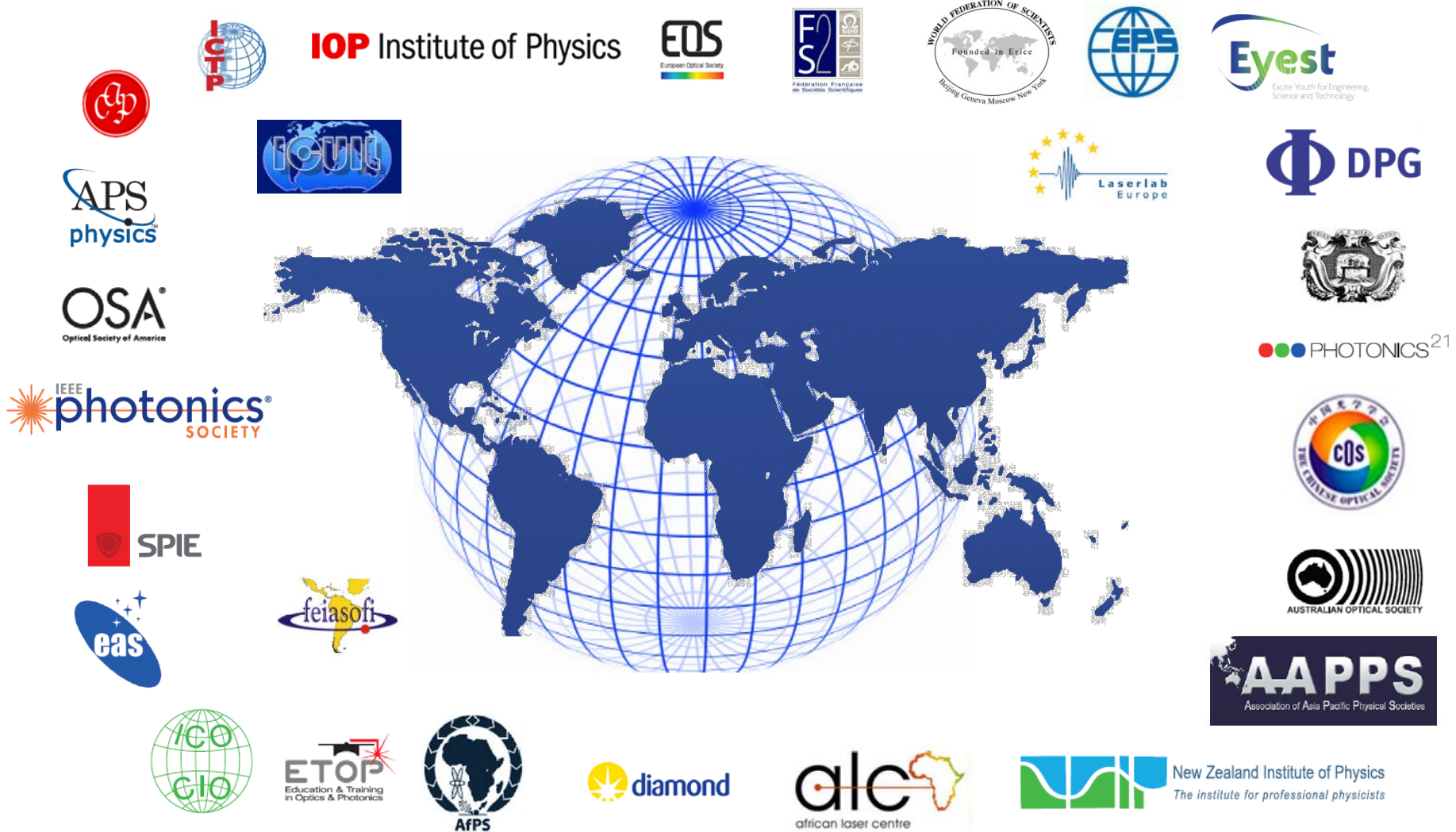
# International Year of Light

EPS is leading a global partnership to request that 2015 is declared by the UN as the *International Year of Light*

The International Year of Light will have the mission to highlight to the citizens of the world the importance of light and optical technologies in their lives, for their futures, and for their societies.



# International Partners List




# Launch


**PASSION FOR LIGHT** | 16 SEPTEMBER 2011  
JOINT EPS-SIF INTERNATIONAL WORKSHOP | VILLA MONASTERO  
VARENNA (LAKE COMO)




Passion for precision  
**Theodor W. Hänsch**  
Ludwig-Maximilians-University, Munich, Germany



Light: wave particle duality from  
Newton to quantum optics  
**Peter Knight**  
Kavli Royal Society International Centre and Blackett  
Laboratory, Imperial College, London, UK



Cherenkov light: key to multi-messenger  
astronomy  
**Werner Hofmann**  
MPI für Kernphysik, Heidelberg, Germany



The once and future Cosmic Microwave  
Background  
**Andrew Jaffe**  
Imperial College, London, UK



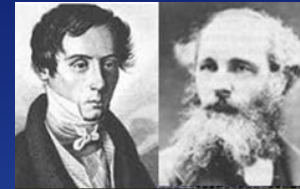
Light and art: an indivisible relationship  
**Alessandro Farini**  
INO-CNR, Firenze, Italy



Symmetries, simplicity and  
fundamental laws  
**Luciano Maiani**  
Università di Roma La Sapienza, Italy

# A series of celebrations

1815 Fresnel and the wave nature of light



1865 Maxwell and electrodynamics.



1915 General relativity



1965 Penzias and Wilson and the Cosmic Microwave Background



# Endorsement from IUPAP

The project was endorsed by the International Union of Pure and Applied Physics (IUPAP) during their General Assembly of 2011.

“IUPAP endorses the global project led by the European Physical Society, the Optical Society OSA, the Institute of Physics IoP, the IEEE Photonics Society, SPIE, the International Commission on Optics and many other international partners to work through UNESCO to request a United Nations proclamation of an International Year of Light in 2015. IUPAP expresses its strong support for International Year of Light goals that encompass science, education, outreach, and particularly its aims to promote physics education and improve the quality of life of citizens in the developing world.”

# Endorsement from UNESCO

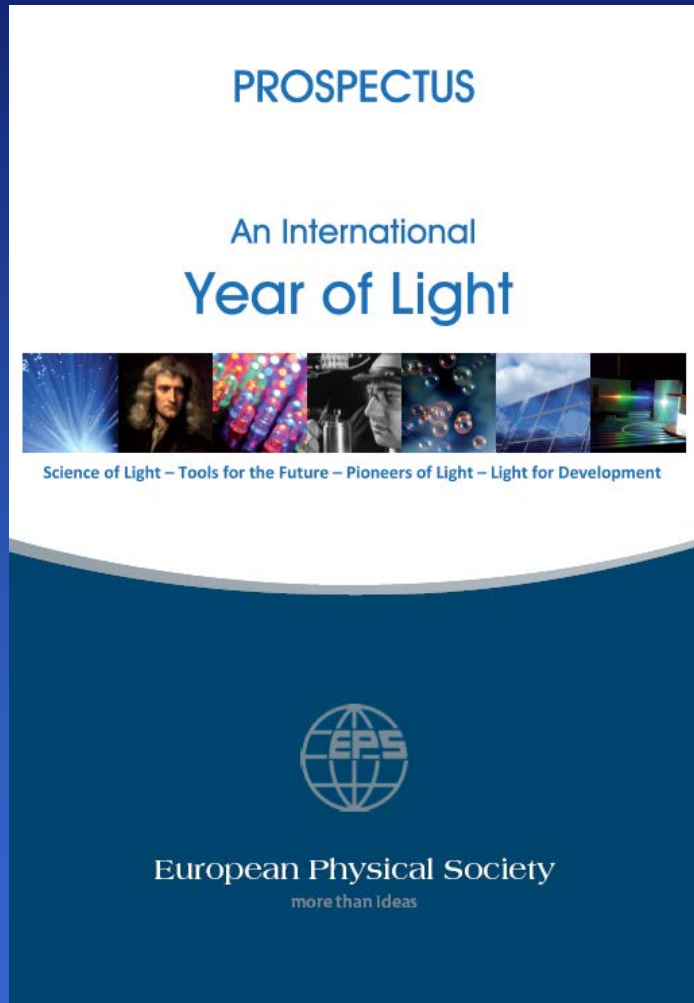


The Assistant Director-General  
for Natural Sciences

UNESCO acknowledges the positive impact an International Year of Light could have on public understanding of light-based sciences and technologies. We are very enthusiastic about the objectives and scope of this proposal which highlight the importance of the physics of light for sustainable development.

UNESCO Division for Natural Sciences is accompanying the International Year of Astronomy and is facilitating contact with National Member States of the UNESCO Executive Board

# International Year of Light



Mission

Motivation

Background & Partners

Goals

Themes

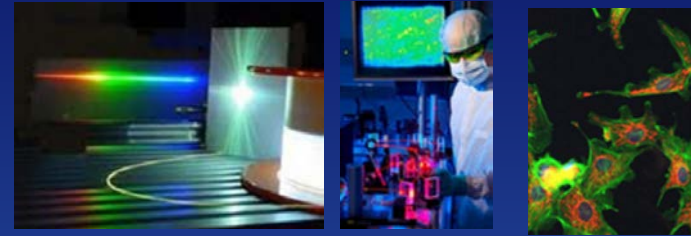
Activities

[light@eps.org](mailto:light@eps.org)



# Four Themes

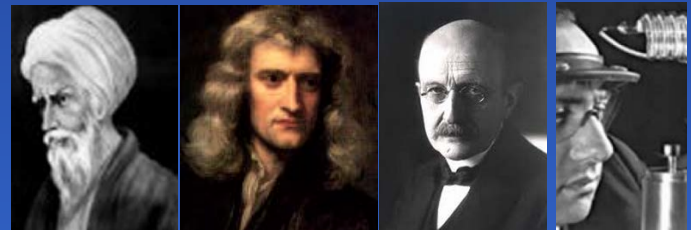
Science of Light



Tools for the Future



Pioneers of Light



Light for Development

