

**Fitzpatrick Institute for Photonics**  
**Duke University**  
**Durham, NC**  
**March 9-10, 2015**

***2015 Annual Symposium***  
***Frontiers in Photonics, Science and***  
***Technology***

*featuring*

# **WORLD PHOTONICS FORUM**

in celebration of the United Nations proclamation of

## ***The International Year of Light (IYL 2015)***

*Including special panel sessions on the influence and contribution of  
light-based technologies on science, human development, and global  
economic development for the next century*

### **Symposium Keynote**

**Theodor W. Hänsch, Ph.D.**

Nobel Laureate in Physics (2005)

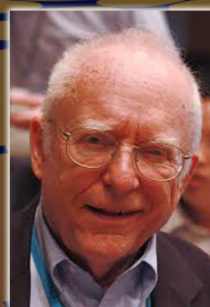
Max-Planck-Institut for Quantum Optics

Carl Friedrich von Siemens Professor

Chair, Faculty of Physics

Ludwig-Maximilians University of Munich

Munich, Germany



### **Forum Keynote**

**John Hall, Ph.D.**

Nobel Laureate in Physics (2005)

Professor

JILA, University of Colorado

National Institute of Standards

and Technology

Boulder, Colorado, USA



#### **Plenary Lecture**

**Prof. John M Dudley**

Chair, U.N. IYL2015

Steering Committee

President,

European Physical Society

Univ. of Franche-Comté,

Besançon, France



#### **Plenary Lecture**

**Prof. Federico Capasso**

Robert Wallace

Professor of Applied

Physics

Harvard University



#### **Forum Special Lecture**

**Dr. Eugene Arthurs**

CEO, SPIE

Bellingham, USA



#### **Forum Special Lecture**

**Prof. Philip Russell**

President, OSA

Director, Max Planck

Institute for the

Science of Light

Erlangen, Germany

### **Invited Forum Panel Speakers**

**Prof. Silvia Bruni, University of Milan, Italy**

**Dr. John Edmond CREE, USA**

**Prof. Andrew Forbes, CSIR National Laser Center, South Africa**

**Prof. Cristina Kurachi, University of São Paulo, Brazil**

**Dr. Robert Liebermann, SPIE, USA**

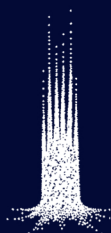
**Prof. Ulderico Santamaria, The Vatican Museums, Italy**

**Dr. Siavash Yazdanfar GE Global Research, USA**

**Dr. David Ward, Cisco, USA**



INTERNATIONAL  
YEAR OF LIGHT  
2015



DUKE UNIVERSITY  
**Fitzpatrick Institute**  
**for Photonics**

**Register Now**  
[www.fitzpatrick.duke.edu](http://www.fitzpatrick.duke.edu)

Co-sponsored  
by  
**SPIE**