IEEE Photonics Society 2013—2014 Distinguished Lecturers

Christopher Barty, Lawrence Livermore National Laboratory, Livermore, California, USA
Title of Talk: Extreme Gamma-ray Sources and the Dawn of Nuclear Photonics
Title of Talk: The National Ignition Facility and the Pursuit of Star Power on earth
Title of Talk: Petawatts, Exawatts and Zettawatts—A Survey of the Worldwide Explosion of Interest in Ultrahigh Intensity Layers

Jose Capmany, Universitat Politecnica de Valencia, Valencia, Spain
Title of Talk: Integrated Microwave Photonics

Simon Poole, Finisair, Gordon, NSW Australia
Title of Talk: Confessions of a Serial Entrepreneur: 30 years of Photonic start-ups in Academia and Industry

Sidharth Ramachandran, Boston University, Boston, Massachusetts, USA
Title of Talk: Singular light in fibers: Beams that can do what Gaussians cannot
Title of Talk: Light that twists inside fibers
Title of Talk: Bessel beams in fibers: Power scaling for linear and nonlinear fiber optics

David Sampson, University of Western Australia, Crawley WA Australia
Title of Talk: Photonics enables a microscope in a needle for imaging deep in tissues

Franky So, University of Florida, Gainesville, Florida, USA
Title of Talk: Carrier Transport and Recombination in Photovoltaic Polymers