

DUKE FITZPATRICK
INSTITUTE
for PHOTONICS

2021 Fitzpatrick Institute for Photonics

FIP Virtual Symposium

May 16-18

Register: fitzpatrick.duke.edu



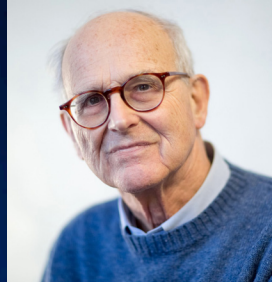
International
Day of Light

Special Topics

*Advanced Interferometry
Light Technologies & The Brain
Photonics and Pandemics*

*Celebration of the 2021
International Day of Light (IDL)*

Keynote Speaker



Rainer Weiss

Nobel Laureate in Physics 2017
Professor of Physics, Emeritus
Massachusetts Institute of Technology
Cambridge, MA, USA

Plenary Speakers



John Dudley

Chair, UNESCO Steering Committee
of IDL
Professor of Physics
University of Franche-Comte
Besançon, France



Ed Boyden

Y. Eva Tan Prof. in Neurotechnology
Howard Hughes Medical Institute
Co-Director, Center for Neurobiological
Engineering, Massachusetts Institute of
Technology, Cambridge, MA, USA

Invited Guest Speakers



Philip Anfinrud

Section Chief, Ultrafast Biophysical
Chemistry Section
Laboratory of Chemical Physics, NIDDK
National Institutes of Health
USA



Elizabeth Hillman

Herbert and Florence Irving Professor
Mortimer B. Zuckerman Mind Brain
Behavior Institute, Professor of Biomedical
Engineering and Radiology
Columbia University, NY, USA



Jess McIver

Assistant Professor
Department of Physics & Astronomy
University of British Columbia
Vancouver, Canada



Na Ji

Associate Professor
Helen Wills Neuroscience Institute
Department of Physics
Department of Molecular Cell Biology
University of California, Berkeley, USA



Christian Joachim Kähler

Professor and Director, Institute for
Fluid Mechanics and Aerodynamics
Bundeswehr University
Munich, Germany



Carl Petersen

Professor, Brain Mind Institute,
Faculty of Life Science
Ecole Polytechnique Fédérale de
Lausanne (EPFL)
Lausanne, Switzerland



(James) Ira Thorpe
Astrophysicist
NASA Goddard Space
Flight Center
Greenbelt, Maryland,
USA