



THE GUY FOUNDATION

## 2025 AUTUMN SERIES ON LIGHT PROGRAMME

All sessions 10:00hrs–12:00hrs ET / 15:00hrs–17:00hrs UK on Zoom

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### Session 1: Wednesday 24 September

#### Light and life – an overview

Introduction: Dr Michal Cifra, The Czech Academy of Sciences

Speaker: Dr Robert Fosbury, UCL and the European Southern Observatory (ESO)

### Session 2: Wednesday 8 October

#### The health effects of sunlight, UV and blue light

Introduction: Dr Alix Bailie, Central Laser Facility, UKRI-STFC

Speaker: Professor Richard Weller, University of Edinburgh

### Session 3: Wednesday 22 October

#### The therapeutic use of green light

Introduction: Dr Betony Adams, The Guy Foundation and Stellenbosch University

Speaker: Professor Mohab Ibrahim, Department of Anesthesiology, The University of Arizona

Speaker: Professor Alistair Nunn, The Guy Foundation and University of Westminster

### Session 4: Wednesday 5 November

#### Near infrared (NIR) starvation and the therapeutic use of red light

Introduction: Dr Ifigeneia Kalampouka, University of Westminster

Speaker: Professor Glen Jeffery, UCL

### Session 5: Wednesday 19 November

#### Our evolving light environment and the impact on health

Introduction: Professor Alistair Nunn, The Guy Foundation and University of Westminster

Speaker: Dr Roger Seheult, Loma Linda University

### Session 6: Wednesday 3 December – special roundtable session

#### Improving our light environment for better health

Introduction: Dr Betony Adams, The Guy Foundation and Stellenbosch University

Speakers: Stefan Behling, Foster + Partners

Dr Max Gulhane, Regenerative Health

Scott Zimmerman, Silas Inc

Ulysse Dormoy, Atrium Lighting

James Sherman, Foster + Partners

Followed by roundtable discussion



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## About the series

In this Series we will focus on light and its impact on health. We will explore the physics of photobiology and investigate the potential therapeutic use of light, from infrared to blue wavelengths. We will also examine the evidence on the negative health effects caused by our reduced exposure to some wavelengths of light found in sunlight, and we will touch on the implications for our built environment and new environments, such as space.

## Registration and talks

**Scientists and interested individuals are invited to register** to attend the live meetings by contacting Nina Copping, Programme Director [n.copping@theguyfoundation.org](mailto:n.copping@theguyfoundation.org)

**Architects, lighting designers and other related professionals** are particularly welcome to join us for the session on 3 December (Session 6) when we will discuss lighting and the built environment with a view to identifying the key issues and how they could be overcome.

**Watch the talks:** videos of the talks will be available on our website: <https://www.theguyfoundation.org/our-online-lectures/> and YouTube channel: <https://youtube.com/@theguyfoundation>. Stay up to date by subscribing to our YouTube channel and opt to receive notifications when new talks are uploaded.

## About The Guy Foundation

The Guy Foundation is a UK-based charitable foundation established in 2018 to facilitate thinking and research on the role of quantum mechanics and thermodynamics in living systems, with the ultimate goal of using this understanding to advance healthcare. We curate, lead and fund an inter-disciplinary research collaboration and have published a number of scientific papers. We support the scientific community by convening online symposia on quantum biology and bioenergetics and we host an active network of 300 scientists and institutions across the globe.

You can find more details on our website, including talks, publications and who we are:

<https://www.theguyfoundation.org/>

## Previous speakers

<b>Dr Betony Adams</b>	Stellenbosch University and The Guy Foundation
<b>Professor Margaret Ahmad</b>	Sorbonne University
<b>Dr Clarice Aiello</b>	The Quantum Biology Institute
<b>Professor Masashi Aono</b>	Keio University
<b>Dr Nathan Babcock</b>	Howard University
<b>Dr Wendy Beane</b>	Western Michigan University
<b>Dr Afshin Beheshti</b>	University of Pittsburgh

<b>Professor Jimmy Bell</b>	University of Westminster; Scientific Advisor to The Guy Foundation
<b>Professor Stanley Botchway</b>	Central Laser Facility, UKRI; Scientific Advisor to The Guy Foundation
<b>Dr Wolfgang Brysch</b>	MetrioPharm AG
<b>Dr Ed Calabrese</b>	University of Massachusetts
<b>Dr Michal Cifra</b>	Czech Academy of Sciences
<b>Dr Dave Ecker</b>	Ionis Pharmaceuticals
<b>Professor Matthew Fisher</b>	University of California Santa Barbara
<b>Dr Robert Fosbury</b>	UCL and the European Southern Observatory (ESO)
<b>Professor Wayne Frasch</b>	Arizona State University; Scientific Advisor to The Guy Foundation
<b>Dr David Furman</b>	Buck Institute for Research on Aging
<b>Professor Michael Hamblin</b>	University of Johannesburg
<b>Dr Theodore Goodson</b>	University of Michigan
<b>Dr Ali Hassanali</b>	The International Center for Theoretical Physics, Trieste
<b>Dr Lise Hébert</b>	Picchio International
<b>Professor Judith Klinman</b>	UCLA Berkeley
<b>Dr Philip Kurian</b>	Howard University; Scientific Advisor to The Guy Foundation
<b>Professor Nick Lane</b>	University College London
<b>Professor Mike Levin</b>	Allen Discovery Center at Tufts University
<b>Professor Johnjoe McFadden</b>	University of Surrey
<b>Dr Alasdair Mackenzie</b>	Central Laser Facility, UKRI at the Harwell campus
<b>Professor Joao Pedro Magalhaes</b>	University of Birmingham
<b>Dr Thomas H Marshburn</b>	Sierra Space and retired NASA Flight Surgeon and Astronaut
<b>Professor James Moon</b>	Barts Heart Centre
<b>Professor Karl Morten</b>	University of Oxford
<b>Dr Rhys Mould</b>	University of Westminster
<b>Professor Alistair Nunn</b>	University of Westminster; Director of Science, The Guy Foundation
<b>Professor Marco Pettini</b>	Aix-Marseille University
<b>Professor Martin Plenio</b>	Ulm University
<b>Dr Jan Pokorný</b>	Czech Academy of Sciences
<b>Professor Christopher D Porada</b>	Wake Forest Institute for Regenerative Medicine
<b>Dr Ken Raj</b>	Altos Labs Cambridge Institute of Science
<b>Professor Gregory Scholes</b>	Princeton University
<b>Professor Christoph Simon</b>	University of Calgary
<b>Dr Scott M Smith</b>	Human Health and Performance Directorate, NASA Johnson Space Center
<b>Steve Thorne</b>	The Copernican Project
<b>Professor Li-Heui Tsai</b>	Picower Institute, MIT
<b>Professor Jack Tuszyński</b>	University of Alberta
<b>Professor Gábor Vattay</b>	Eötvös Loránd University
<b>Brent Vaughan</b>	Cognito Therapeutics
<b>Professor Vlatko Vedral</b>	University of Oxford
<b>Professor Giuseppe Vitiello</b>	University of Salerno
<b>Professor Douglas C Wallace</b>	The Children's Hospital of Philadelphia (CHOP)
<b>Professor Steve Wedge</b>	Cancer Research UK
<b>Professor Jonathan Woodward</b>	The University of Tokyo