

LAMBDA Physics Group at the University of Jordan

is pleased to invite you to a public talk

The Light Side: Illuminating Life

A public lecture in celebrating the International Day of Light 2024 at UJ

by **Prof. Elizabeth New (University of Sydney, Australia)**

Honorary Professor of Chemistry at the University of Jordan



Wednesday 23 October 2024

11:00-12:30

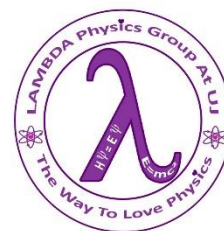
School of Science

Wasfi Al-Tal Auditorium



More details on LAMBDA website:

<https://science.ju.edu.jo/en/lambda/Home.aspx>



Abstract

Fluorescence is everywhere: it occurs in the natural world (in jellyfish, scorpions, and spinach) as well as in many man-made objects (from money to pens to glowsticks). The fundamental physical processes associated with fluorescence are used across a wide range of scientific fields. This talk will explain the science behind the fluorescent chemicals we see all around us, with a focus on how it is revolutionizing our understanding of the human body and the treatment of diseases.

Biography

Professor Elizabeth New has studied and worked in Australia, the UK, and US. She is a Professor of Chemistry at the University of Sydney, where she develops fluorescent sensors for environmental and biological studies. She has won major national and international awards for teaching, research, and leadership. She is currently an Honorary Professor at the University of Jordan, and senior consultant for SESAME and the Jordan Atomic Energy Commission.