

The Dean of FEMS, the TCD School of Physics and the Trinity Week committee are pleased to invite you to

**FOCUS ON WOMEN in LIGHT**

**Professor Julieta Fierro**  
**Institute for Astronomy at UNAM, Mexico's National University**



This two part event is also supported by the TCD Women in Physics/Juno committee, Women in Technology and Science (WITS), the Institute of Physics Women in Physics Group, the Mexican Embassy, Dublin the national committee for the International Year of Light (IYL 2015) and WiSER. Julieta will give a seminar on her research work followed by a reception and a Masterclass. The Masterclass is designed primarily for early career researchers, postdoctoral researchers, postgraduate students, particularly females. The speaker will talk about her career and the particular challenges/opportunities she faced as a woman in a career in Light. Attendance is free of charge but registration is requested.

**Date: Thursday 16 April 2015**

**Location: Fitzgerald Building, School of Physics, Trinity College Dublin**  
(Map: <http://www.tcd.ie/Maps/map.php?b=253>)

**2pm: Seminar Schrodinger Theatre. School of Physics, TCD.**

**"Light and shadow: an approach to astronomy in Mesoamerica"**

Please click here to register for the seminar:

<https://eventbrite.ie/event/15724473323/>

**3pm: Tea/coffee with Julieta Fierro, Fitzgerald library, TCD. All welcome.**

**3.30pm: Masterclass with Julieta Fierro. Fitzgerald Library, TCD.**

**"Shining Light on Women in Optics: Tools for Success"**

Please click here to register for the Masterclass:

<https://eventbrite.ie/event/15724516452/>

If you have any questions please contact [FEMS@tcd.ie](mailto:FEMS@tcd.ie)

**Professor Julieta Fierro**  
**Institute for Astronomy at UNAM, Mexico's National University**

Julieta Fierro has written forty books on popular science, mostly on Astronomy, and dozens of articles on education. She has created several astronomical exhibits and has been the director of two Science Centers. She broadcasts weekly radio and television programs and has delivered hundreds of lectures in more than thirty countries.

Julieta Fierro has received several awards for promotion and popularization of Science: The Mexican National Prize for outreach, the Third World Academy of Science Award, the UNESCO Kalinga Prize, the Primo Rovis Gold Medal from the Trieste Center for Theoretical Physics, in 1998 the Klumpke-Roberts Award of the Astronomical Society of the Pacific and Mexico's National Prize for Scientific Journalism and since dozens more, including two Honoris causa doctorat. Several libraries, lecture halls, and planetaria and four schools honor her name.

She holds a full time position at the Institute for Astronomy at UNAM, Mexico's National University; she is dedicated to science popularization. She teaches General Astronomy for undergraduates at UNAM School for Sciences. She was past president of Commission 46, Teaching of Astronomy, of the International Astronomical Union, and a board member of the Astronomical Society of the Pacific. She has been president of the National Science Center Association and of the National Science Teacher's Society in Mexico, and has headed UNAM's outreach efforts at the DGDC. Julieta Fierro holds the seat number XXV of the Mexican Academy for Language. She has done research on interstellar medium, determining chemical gradients across spiral galaxies.