



# GOVIND P. AGRAWAL

The Institute of Optics, University of Rochester

Monday 18 November 2024  
11:00 - 16:00

Amphi Jean-Jacques Gagnepain  
FEMTO-ST - TEMIS

Govind P. Agrawal received the MS and PhD degrees from the Indian Institute of Technology, New Delhi, in 1971 and 1974 respectively. After holding positions at the École Polytechnique, Paris; City University of New York, New York; and AT&T Bell Laboratories, Murray Hill, NJ, he joined the University of Rochester in January 1989, where he is currently the James C. Wyant Professor of Optics.

Dr. Agrawal is a Life fellow of IEEE, a Distinguished Fellow of Optical Society of India, and a Fellow of Optica. Professor Agrawal received the IEEE Photonics Society's Quantum Electronics Award in 2012, the Esther Hoffman Beller Medal of the Optical Society in 2015, the Max Born Award of the Optical Society and the Quantum Electronics Prize of the European Physics Society in 2019.

He is an author or co-author of more than 500 research papers and eight books. His books on Nonlinear Fiber Optics and Fiber-Optic Communication Systems are used worldwide for research and teaching.

Professor Agrawal's research interests have varied widely over the last 40 years and he has made pioneering contributions in semiconductor lasers, nonlinear fibre optics, silicon photonics, multimode optics and optical communications.

# FEMTO-ST<sup>7</sup> Colloquium

an opportunity to meet prestigious researchers



## Symposium in honour of Professor Govind Agrawal

### Frontiers in Nonlinear Fibre Optics

#### 11.00 - 12.00

Professor Agrawal will deliver a seminar on his recent work on **Space-Time Duality in Optics and its Applications**. This concept, known since the 1960s, has recently gained attention in temporal imaging. Professor Agrawal will review this topic and discuss the use of time lenses for optical signal processing, as well as his own work studying the temporal analog of reflection and refraction of optical pulses and the creation of temporal waveguides.

#### 14.00 - 16.00

The afternoon session will see talks from international visitors and local participants (Professor Goery Genty from Tampere, Professor Alex Heidt from Bern, and others). These will review recent developments in the field of nonlinear fibre optics, and there will be ample time for questions and answers. To see the programme as it is updated, please see the link below.

Inscriptions here:



This seminar is being organized in the frame of the 20<sup>th</sup> anniversary celebrations of the creation of FEMTO-ST.