

SUMMER SCHOOL IN OPTICS AND PHOTONICS

17-21 JUNE 2019



Department of Electrical Communication Engineering
Indian Institute of Science, Bangalore

The Summer school in Optics And Photonics is organized by Applied Photonics Initiative, Indian institute of Science. This summer school is meant for graduate students, research scholars, post docs and faculty members currently pursuing research or planning to pursue research in the area of optics and photonics. The school will bring together the experts in the field from India and abroad and provide a platform for interaction and networking. The summerschool is comprised of Tutorials, Career Guidance Lectures, Invited Talks, Industrial Demo Sessions, Lab Visits, Student Poster Presentations and Networking Dinner!



<http://www.iisc-soap.co.in>



Tutorial/Research talks on Quantum Optics

"Quantum States and Modes in Quantum Optics"
"Generation of Gaussian and non-Gaussian multimode entangled states of light for applications to Quantum Information Processing"

Claude Fabre

Laboratoire Kastler Brossel
Emeritus professor, Sorbonne University, Paris
OSA Travelling Lecturer



David M Giltner

Author, speaker, and founder of TurningScience
SPIE Visiting Lecturer

Career Development/Industry Talks

"How to be More Employable in the Private Sector?"
"Can a Scientist Find a Rewarding Career in Industry?"

TUTORIALS

by eminent professors from IISc/IITs

OPEN INVITED TALKS

STUDENT POSTER SESSION

DEMO SESSIONS AND LAB VISITS

TOPICS

Optical Communications and Networks

Quantum Optic Communications

Silicon Photonics

Optoelectronics

Nonlinear Optics and Lasers

Biophotonics

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