

National Photonics Symposium

NPS 2026

Day 1: 27 February 2026, Friday



Forenoon Session

09.00 am - 9.30 am Registration

9.30 am - 10.00 am **Inaugural session**

Technical session 1

Chair: Prof. Pramod Gopinath

10.00 am - 10.45 am **Dr. Madhu Thalakulam, IISER Thiruvananthapuram**
Charge and spin readout in quantum dot spin qubits

10.45 am - 11.00 am Tea Break

Technical session 2

Chair: Dr. Mohamed Ameen P

11.00 am - 11.45 am **Dr. Rohit Ramakrishnan, QOSMIC**
Highway to the Cosmos: The classical foundations of quantum communication

11.45 am - 12.30 pm **Dr. Rohith M, Govt college Malappuram**
Quantifying the degree of quadrature squeezing of light through homodyne measurements

Lunch Break

Afternoon Session

Technical session 3

Chair: Dr. Priya Rose T

02.00 pm - 02.45 pm **Dr. Jasleen Lugani, IIT Delhi**
Generation of spectrally uncorrelated photon pairs

02.45 pm - 03.00 pm **Oral Presentations**

Cultural Programme

Poster presentations

Tea & Snacks

National Photonics Symposium

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Day 2: 28 February 2026, Saturday



Forenoon Session

Technical session 1

Chair: Dr. Saji K J

09.30 am - 10.15 am

Dr. C M Chandrashekar, IISc Bangalore
Quantum Computing using photons
(National Science Day lecture)

10.15 am - 11.00 am

Prof. C Vijayan, IIT Palakkad
Scientific thinking in the Quantum Era
(Popular Science Talk)

11.00 am - 11.15 am **Tea Break**

Technical session 2

Chair: Dr. Praveen C S

11.15 am - 12.00 pm

Dr. Raghavendra V, SRM University
Quantum Computing: Motivation, Introduction and
Applications in Chemistry

12.00 pm - 01.00 pm **Lunch Break**

Exhibition and lab demonstrations

Valedictory function

Tea & Snacks