



Indian Institute of Astrophysics

भारतीय खगोलभौतिकी संस्थान

Founder's Day Lecture

10:45 a.m., Monday, August 11, 2025

IIA Auditorium

Dr. Shailesh Nayak

Director, National Institute of Advanced Studies

Climate Change: Implications and Way Forward

Climate change is already being witnessed, and its impacts are visible. The continuing increase in CO₂ concentrations, increase in air and ocean temperatures and changes in precipitation patterns are likely to modify various earth system processes. The frequency and intensity of extreme events, floods, droughts, and cyclones are increasing. The implications of these changes for agriculture, fisheries, coastal and marine ecosystems, water resources, etc. will be discussed briefly. The assessment of global actions and India's actions in mitigating the effects of climate change will be presented. The possible measures for energy transition and climate action will be outlined.



Dr. Shailesh Nayak is the Director of the National Institute of Advanced Studies in Bengaluru and a Distinguished Scientist at the Ministry of Earth Sciences. He has led key national initiatives in climate, ocean, and earth sciences, notably establishing a Tsunami Early Warning System for the Indian Ocean. His current research focuses on the blue economy, sustainable development, and science diplomacy. Recognised for his contributions, he is a fellow of several science academies, has received numerous awards, including the Hari Narain Lifetime Achievement Award, and was honoured with the Padma Shri in 2024.

Garlanding of Bappu's bust in the Library at 10 am

High Tea at West Lawns at 10:15 am

Indian Institute of Astrophysics
II Block, Koramangala, Bengaluru-560034

YouTube Live



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