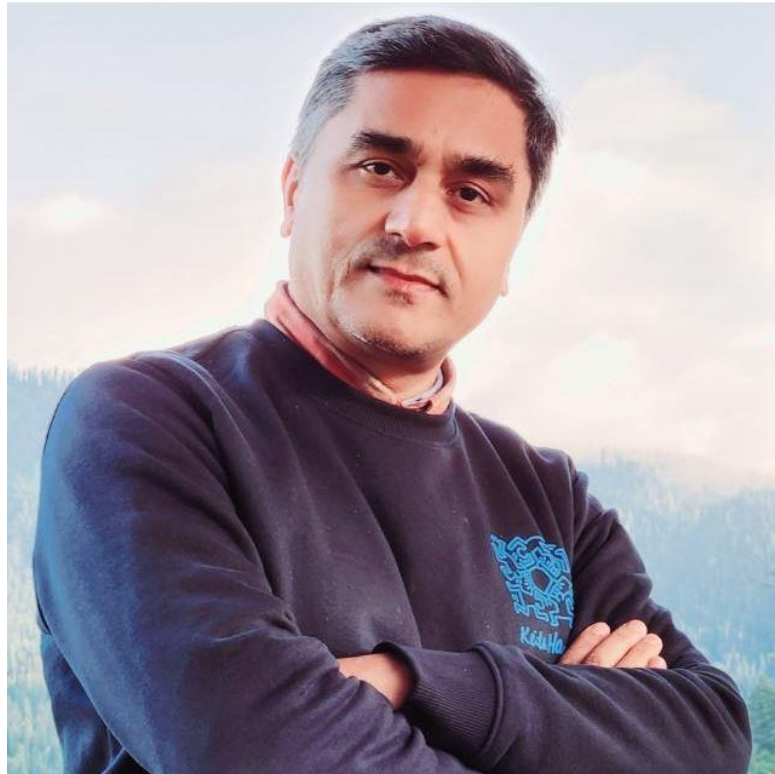


ISG-ISRS National Symposium
15-17 November 2022, Hyderabad



Indian Society of Geomatics



Dr Bharat Lohani

Professor, IIT-Kanpur

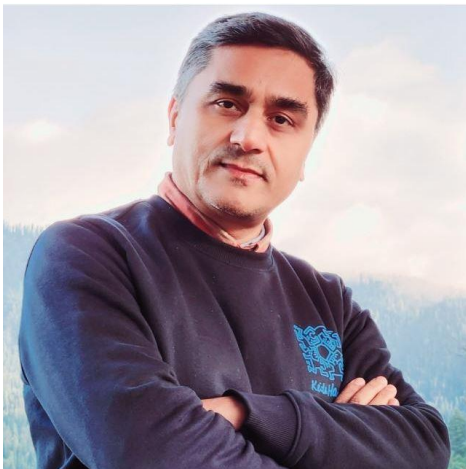
Millennium Lecture

LiDAR Sensing Everywhere Robots to Satellites

November 16, 2022 (Wednesday)

12.00 – 13.00 hrs

YouTube Link: <http://bit.ly/isgactive>



Dr Bharat Lohani

Professor, IIT-Kanpur

Dr. Bharat Lohani earned his Ph.D. from the University of Reading, the UK, in 1999. Presently he is Professor at IIT Kanpur.

Dr. Lohani mainly focuses on the modeling of the physical environment using high-resolution remotely sensed data, with particular emphasis on airborne, drone, mobile, and terrestrial LiDAR data and photographs.

Dr. Lohani's current research interests are in LiDAR Data Classification using Deep Learning Techniques, LiDAR application in Forest and Water Conservation, Solar Insolation Estimation, and especially LiDAR simulation for autonomous systems.

Dr. Lohani has taught courses in remote sensing, GNSS, GIS, image processing, LiDAR, photogrammetry, and land surveying. Besides, he has also conducted several continuing education programs at IIT Kanpur on LiDAR technology. Dr. Lohani has published over 100 research papers and articles in journals of repute and delivered over 70 invited talks. His patented technology on motion correction during laser scanning was transferred to the national defense lab. He is the recipient of several awards and recognitions.

Dr. Lohani has spearheaded the development and implementation of LiDAR technology in India through persistent efforts with the government and private sector. To promote the use of LiDAR technology in India, he founded Geokno India Pvt. Ltd. at IIT Kanpur in 2009, which is now a leader in this domain.