

SFO Summer School à OHP

LIDARS des fondamentaux aux applications géophysiques et industrielles

June 11-16, 2023

OPH, Observatoire de Haute Provence, France



The Summer School “LIDARS: From Fundamentals to Geophysics and Industrial Applications” is dedicated to Master students, PhD students, young researchers and engineers who want to acquire theoretical and technical know-how on Lidar systems from experts in the Lidar community.

The 5-days program will first cover fundamentals of laser-matter interaction in the atmosphere. Lidar methods for remote sensing will then be presented as well as related applications for climate, air quality, atmospheric dynamics, transports, aeronautics... Special highlight will be placed on Lidar inversion protocols and on critical lidar components such as lasers and detectors. The hot topics of space lidars and lidar networks will close this Lidar week.

The Summer School will take place at Observatoire de Haute Provence (OHP), one of the largest worldwide observatories for atmospheric sciences. Participants will have the opportunity to visit the Lidar facilities of OHP and to perform additional practical work to study “open-box” LIDAR instruments.

Look forward to welcoming you from 11 to 16 June 2023 at OHP!

Five outstanding lecturers will cover a broad spectrum going from fundamentals to Geophysics and Industrial Applications :

Attending a Summer School is a unique opportunity to learn, share and connect with top leaders in the field. The school is designed for students and researchers using Lidar methods and for physicists participating in their development.

Application deadline (short motivation letter + CV): January 15th, 2023

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