



ALMA MATER STUDIORUM
UNIVERSITA DI BOLOGNA

Workshop on Ground Penetrating Radar applications in soil moisture determination, field monitoring and stability of river embankments by

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23rd and 24th March 2021

Venue: Online Seminar

This workshop is organised as part of the ongoing SPARC project on “Prediction of soil hydro agricultural properties using Ground Penetrating Radar for improving Agricultural practice” jointly by IISc, Bangalore and University of Bologna, Italy. Is open for Post Graduate and Doctoral Students in Science and Engineering. Few faculty members are also allowed to participate. No registration fee but prior registration is mandatory. The seminar will be held using either Microsoft Teams or Google meet.

Tentative schedule

Day 1	23 rd March 2021
13.30 – 14.30	1. Fundamentals of Ground Penetrating Radar and applications
14.30 – 14.45	Break
14.45 – 15.45	2. GPR data acquisition, interpretation and software
15.45 – 16.00	Break
16.00 – 17.00	Discussion and questions - Moderation by Prof. P Anbazhagan
Day 2	24 th March 2021
13.30 – 14.30	1. Laboratory characterization and field monitoring of unsaturated soils
14.30 – 14.45	Break
14.45 – 15.45	2. Transient effects in the stability of river embankments
15.45 – 16.00	Break
16.00 – 17.00	Discussion and questions - Moderation by Dr. P Raghuveer Rao

All timings are Indian Standard Time (09.00 to 13.00 Italian Time)

Registration link

<https://forms.gle/hmv8TvgiCMJLqPKf8>