Advanced remote sensing, spring 2019

PRELIMINARY SCHEDULE (first published 14 March 2019, updated on 2 May 2019)

THEORETICAL BACKGROUND TO OPTICAL RS

Tue 16.4. LECTURE: Course introduction (ASSIGNMENTS #1 & #5 introduced)
Wed 17.4. LECTURE: Radiative transfer theory
Tue 23.4. LECTURE: Spectral modeling
Wed 24.4. INTRO TO ASSIGNMENT #2: Spectral modeling

HANDS-ON: LEARN ABOUT AVAILABLE RESOURCES & MEASUREMENT TECHNIQUES

~~Tue 30.4. HANDS-ON: Cloud computing (GEE) (part of ASSIGNMENT #3)~~ (CANCELLED: teacher sick)
Wed 1.5. VAPPU, no class
Tue 7.5. LECTURE: Spectral measurements & analysis + INTRO TO ASSIGNMENT #4: Spectral measurements
Wed 8.5. HANDS-ON: Internet resources (part of ASSIGNMENT #3)
Tue - Fri 7.-10.5. HANDS-ON: Spectral measurements in groups (part of ASSIGNMENT #4)
Thu 9.5. HANDS-ON: Cloud computing (GEE) (part of ASSIGNMENT #3): 8-10 am in room 201 (RESCHEDULED SESSION)

APPLICATIONS: WHAT'S "HOT" IN OPTICAL RS?

Tue 14.5. LECTURE: Satellite data in climate change: focus on albedo
Wed 15.5. SUPPORT SESSION (for assignments)
Tue 21.5. SEMINAR: students' presentations (=ASSIGNMENT #5)
~~Wed 22.5. SEMINAR: students' presentations (if needed)~~

EVALUATION & FEEDBACK

Tue 28.5. EXAM (voluntary) (12-2 pm)
Wed 29.5. FEEDBACK session