Date: July 4-6, 2024 (Thursday to Saturday)

Venue | Location
School of Rural, Surveying and Geoinformatics Engineering
National Technical University of Athens
Zografou Campus | Lambadarios Building  https://www.survey.ntua.gr/en/location

Contact:  igarss2024summerschool@convin.gr

IGARSS 2024 Summer School Program

Day 1 - July 4:  Data Creation

08:00  Bus Departure from the meeting point

09:00 – 09.30  Registration material pick up

09:30 – 10.00  Ice Breaking Session

10:00 – 11.00  Presentations

10:00 – 10:30
Remote Sensing of the Urban Environment
Nektarios Chrysoulakis, FORTH

10:30 – 11:00
Remote sensing of the Agro-ecosystems
Vassilia Karathanassi, NTUA

11:00 – 12.00  Presentations | In situ measurements, sensors, IoT

11:00 – 11:30
Atmosphere
Georgios Grivas, APCG/NOA

11:30 – 12:00
Agro-ecosystem data availability (space2ground dataset)
Iason Tsardanidis BEYOND/NOA

12:00 – 13.00  Presentation

Satellite data
Thanassis Drivas, BEYOND/NOA

13:00 – 14.00  Lunch Break

14:00 – 15.00  Hands on Data cubes
Thanassis Drivas, BEYOND/NOA

15:00 – 17.30  Challenge Part 1, Data Sets
Thanassis Drivas, BEYOND/NOA

17:30 – 18.30  Bus Departure for NOA – Thissio Visitors’ Center

18:30 – 20.00  Social Activity: NOA – Thissio Visitors’ Center

20:00  Bus Departure, back to the meeting point
### Day 2 - July 5: Data to Application

- **09:00**  | Bus Departure from the meeting point
- **10:00 – 13.00**  | Presentation & Hands On
  
  Machine Learning for EO  
  Konstantinos Karantzalos, Bill Psomas, Ioannis Kakogeorgiou, NTUA
- **13:00 – 14.00**  | Lunch Break
- **14:00 – 15.00**  | Challenge Part 2: Creation of EO App | Pitching presentation of group ideas
- **15:00 – 17.30**  | Challenge - Group work | discussion with mentors
- **17:30**  | Bus Departure, back to the meeting point
- **20:30 – 22.30**  | Thank you Dinner

Vassilainas Restaurant: Delve into the culinary culture of Greece and discover a foodie paradise, with a rich and a vibrant dining culture that is sure to tantalize your taste buds.

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### Day 3 - July 6: Special Topics & Challenge Outcomes

- **08:30**  | Bus Departure from the meeting point
- **09:30 – 11.00**  | Participants’ Final Revision of Challenges
- **11:00 – 11.30**  | Keynote special Topic 1  
  Data Ethics/FAIR/DMP/DSP  
  Marie-Francoise Voidrot, OGC
- **11:30 – 12.00**  | Keynote special Topic 2  
  EO in support of SDGs  
  Orestis Speyer, Research Associate APCG/NOA
- **12:00 – 12.30**  | Keynote – Interactive interview  
  The journey of an ERC holder on RS atmospheric science – we can all try it!  
  Vassilis Amiridis, Research Director, REACT/NOA
- **12:30 – 13.30**  | Lunch Break
- **13:30 – 15.30**  | Challenge’s outcomes per group
- **15:30 – 16.30**  | Discussion & Awards
- **16:30 – 17.00**  | Closing | End of Summer School
- **17:00**  | Bus Departure, back to the meeting point