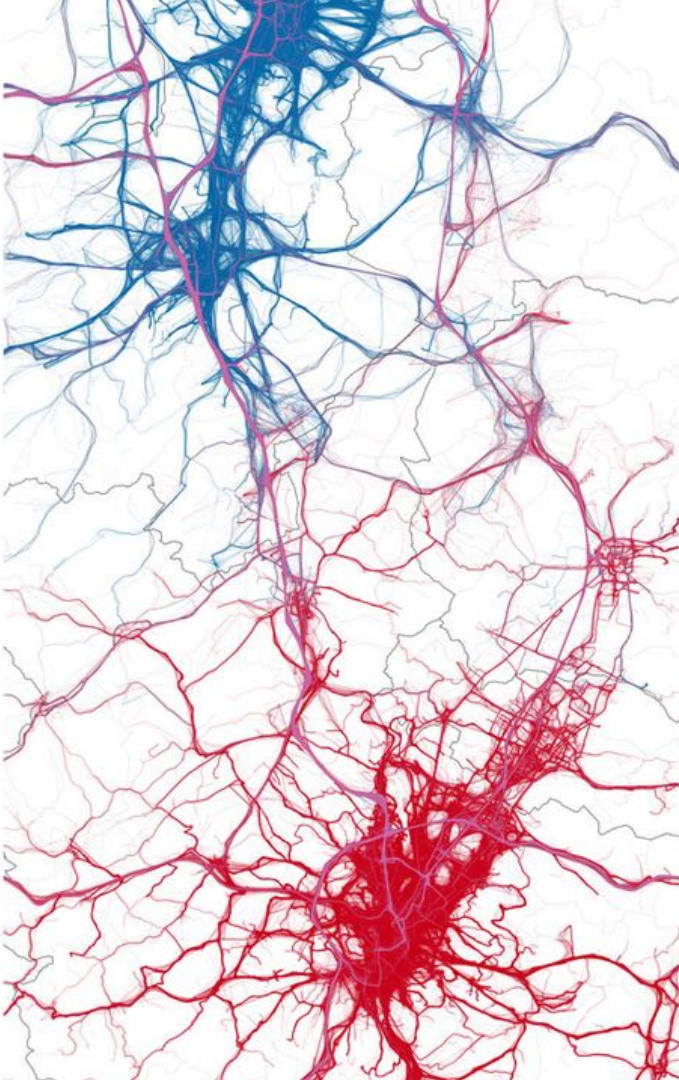




**Consiglio Nazionale
delle Ricerche**



Geospatial Analytics 2026/2027

Teachers



Luca Pappalardo

ISTI-CNR & Scuola Normale Superiore
luca.pappalardo@isti.cnr.it



Mirco Nanni

ISTI-CNR
mirco.nanni@isti.cnr.it



Giovanni Mauro

Scuola Normale Superiore
giovanni.mauro@sns.it

Lesson Days

Monday, 14-16
Aula FIB I-LAB

Friday, 11-13
Aula FIB I-LAB

Lessons will be only in presence
and will NOT be live-streamed

Registration to the course

Register to the course using the following form by September 21st

- Name(s)
- Surname(s)
- Matricola
- email address

Needed for urgent communications, to check whether rooms are adequate, and to organize the course material and practice sessions



<https://forms.gle/bxJ6th9JAaeFtv1JA>

Communication

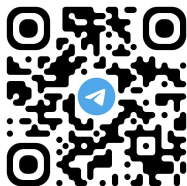
Didawiki

- Calendar & Updates
- Exam instructions

Telegram

<https://t.me/+bAA8DYcJ8Ac5ZTNk>

- Urgent communications



Email

- luca.pappalardo@isti.cnr.it
- mirco.nanni@isti.cnr.it
- giovanni.mauro@sns.it

Receiving

Send us an email 1-2 days before to book a slot

Exam

Oral exam



Verification of knowledge **theoretical** and **practical** acquired during the course

Typical duration: > 30 min, < 1h

Theory

- Papers
- Online tutorials
- Repositories
- Course Notes
- Slides

Course Material

will be published soon after each lesson

Insights (optional)

- Movies
- Videos
- Books
- Blog posts

Practice

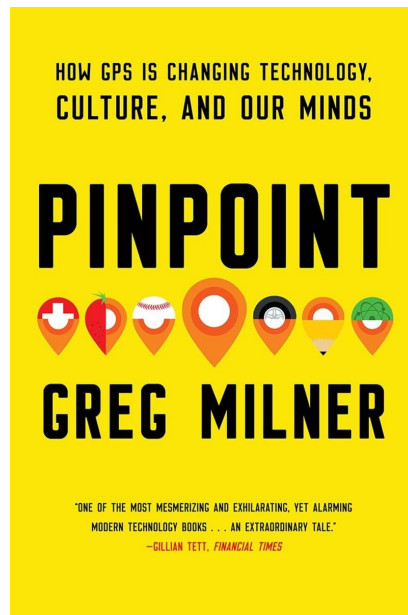
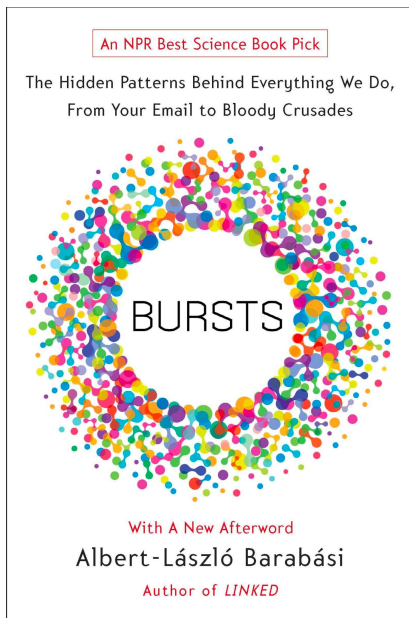
- Python libraries
- Datasets
- In-class discussions

Human Mobility Book

We are finalizing a *book* on Human Mobility (covering this course' topics)

- Drafts of chapters will be released throughout the course
- They will contain all we can ask you during the exam
- Please notify any error you find or suggest material
- You will be acknowledged in the book (name and surname) if you help us improve the chapters

Divulgate Books



FAQ

Can I use ChatGPT to study the course topics?

Yes, it can help you explore topics in more depth. Always ask for references and verify them.

Is there a textbook for the course?

Almost, we are finalizing it.

Will there be exercises or assignments?

There will be no formal assignments, yet several exercises will be suggested to improve your learning.

FAQ

Is attendance mandatory?

No, but active participation is ***strongly*** recommended.

What will be asked in the oral exam?

Questions may cover material from slides, notes, or draft chapters. You will also solve a geospatial analytics problem by reasoning (no coding required, at most pseudocode).

What language will the exam be in?

Italian or English, according to your preference.

FAQ

Can I take the exam without attending the course?

Yes.

Will the lessons be recorded?

No, they will only be held in person.

Can I attend the course without taking the exam?

Yes.