

# Systemic risk and indirect impacts

Master of Science in Civil Engineering for Risk Mitigation from Natural Hazards

a.y. 2024-2025 - from the 2nd to the 24th of April

ROOM 1 - IUSS Pavia Marelli

zoom link

<https://iusspavia.zoom.us/my/ma.aula1>

<https://www.google.it/maps/pla>

## TIME SCHEDULE

### Modules:

General Theory

Applications

Graph application

Indirect impact application

		Apr-25	
		Wed 2	Thu 3
Week 1	10:00 -12:30	Course introduction	Basic concept of graph theory
	14.00-16:00		How to built a graph
		Wed 09	Thu 10
Week 2	10:00 -12:30	Type of graph	Impact propagation
	14.00-16:00		Random and Scale-free network
		Wed 16	Thu 17
Week 3	10:00 -12:30	Mexico City and Monza case study	Project definition
		Wed 23	Thu 24
Week 4	10:00 -12:30	Putting the pieces back together	Tutorial on problem assigned