GIEWorks, the Geoinformatics Engineer works!
Meetings with former Geoinformatics students.

Dear students, we are glad to announce that a Meeting of **GIEWorks** will be held next May 23rd, from 4:15pm to 5:15pm in room 3.1.12 and by remote connection on Webex.
After briefly introducing themselves and talking about their post-graduation experience, our former students will be happy to answer to your questions.

The link to the Webex room is
https://politecnicomilano.webex.com/meet/giovanna.venuti

The speakers

Mohammed Hammouti
He received his Master's degree in Geoinformatics Engineering in 2020, with a thesis titled *"Detection and analysis of water vapor ejected by volcanic eruptions with multi-sensor satellite-based observations".* In his recent role as a Research Fellow at the Risk Analysis and Emergency Management Laboratory (LARGE) of CNR-IGAG, he has actively contributed to interdisciplinary research and experimental projects. His work involves delivering geoinformatics engineering solutions and technical support, covering topics from natural hazard analysis to emergency planning and management.

Lorenzo Giuliano Papale
Received the master's degree in Geoinformatics Engineering from Politecnico di Milano, Milan, Italy, in 2021. His master's thesis was conducted at ESA ESRIN and was titled *"Forest fires from space: burnt area mapping using multispectral and SAR sensors data and a Machine Learning approach".* He is currently pursuing the Ph.D. degree in Geoinformation at the University of Rome "Tor Vergata", Rome, Italy.His research is based on Artificial Intelligence and Remote Sensing, with a particular focus on physics-based AI approaches for soil moisture estimation. He collaborates with GEO-K S.r.l. on the development of AI-based methods for Remote Sensing applications and is currently a Visiting Student Researcher at the NASA Jet Propulsion Laboratory (JPL), Pasadena, CA, USA, working on physics-informed AI methods in support of the upcoming NISAR mission.

Francesco Fassinelli
Graduated in 2022 with a thesis on OpenStreetMap intrinsic accuracy. Head of the environmental data department at the Norwegian Institute for Nature Research. Working on a wide variety of projects: from deep learning classification with camera traps and audio recorders, to monitoring of animals trough GNSS and sensors, as well as developing data storage and sharing infrastructures to improve data FAIRness. Long time Python developer and Linux user. Passionate about free and open-source software. Previously worked as freelance consultant, full stack developer and as a startup founder.

Gaia Vallarino
Received her M.Sc. in Geoinformatics Engineering in 2024. She completed her master's thesis in collaboration with the Remote Sensing Department of the University of Bonn, working on deep learning architectures for wilderness monitoring in Fennoscandia.
She is currently a Junior Researcher at the Institute of Earth Observation of Eurac Research, in Südtirol. She is working on the estimation of biophysical parameters in alpine meadows using optical and SAR satellite imagery, and machine learning methods.