SIMONE FRANCESCO FORNASARI

✉ simonefrancesco.fornasari@phd.units.it
 sffornasari.github.io
 0000-0001-8855-4478

🏛 Via Weiss, 4
34128, Trieste (IT)
📞 (+39) 3384816252

EDUCATION

2020-present	PhD in Earth Science, Fluid-Dynamics, and Mathematics **University of Trieste**	
2017-2019	M.S. in Geoscience **University of Trieste**	
2013-2017	B.S. in Physics **University of Trieste**	

PUBLICATIONS

Near-Real-Time Strong Motion Acquisition at National Scale and Automatic Analysis
Giovanni Costa, Piero Brondi, Laura Cataldi, Stefano Cirilli, Deniz Ertuncay, Piero Falconer, Luisa Filippi, Simone Francesco Fornasari, Veronica Pazzi, Philippe Turpaud
Sensors - 2022

Machine-Learning Approach for the Reconstruction of Ground-Shaking Fields in Real Time
Simone Francesco Fornasari, Veronica Pazzi, Giovanni Costa
Bulletin of the Seismological Society of America - 2022

CONFERENCES

Development of a hybrid GMPE-less ShakeMap implementation for real-time ground shaking maps reconstruction
Simone Francesco Fornasari, Veronica Pazzi, Giovanni Costa
EGU General Assembly 2023

Real-Time Ground Shaking Maps Reconstructions With a Hybrid ShakeMap Implementation
Simone Francesco Fornasari, Veronica Pazzi, Giovanni Costa
SSA Annual Meeting 2023

Real-time ground-shaking maps reconstruction of late 2022 Italian earthquakes
Simone Francesco Fornasari, Veronica Pazzi, Giovanni Costa
GNGTS23 and AGLC23

Investigating machine-learning based mapping techniques for seismic data denoising
Simone Francesco Fornasari (in collaboration with Deniz Ertuncay)
EEML 2022

A machine-learning approach for the reconstruction of ground shaking fields in real-time
Simone Francesco Fornasari, Veronica Pazzi, Giovanni Costa
EGU General Assembly 2022

AWARDS

2022	*Outstanding Student and PhD candidate Presentation (OSPP) Award* EGU22	

OUTREACH

2022   *Terremoti d'Italia* Expo

2021   *Sicurezza geologica, terremoti, reti di monitoraggio sismico e mappe di scuotimento*
             Trieste Next