

SIMONE FRANCESCO FORNASARI

✉ simonefrancesco.fornasari@phd.units.it
🐙 [sffornasari.github.io](https://github.com/sffornasari)
🆔 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

The road to real time ground shaking maps is paved with ORB packages
Simone Francesco Fornasari, Veronica Pazzi, Giovanni Costa
Antelope User Group 2023, Vienna, Austria, oral presentation

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, Vienna, Austria, oral presentation

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

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

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

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, virtual, oral presentation

AWARDS

2022 *Outstanding Student and PhD candidate Presentation (OSPP) Award*
EGU General Assembly 2022

OUTREACH

2022 *Terremoti d'Italia Expo*

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