



Mario La Rocca

- Education:* Ph. D. in Physics, University of Salerno, 2000;
Degree in Physics, University of Salerno, 1996;
- Present position:* Researcher at Istituto Nazionale di Geofisica e
Vulcanologia, sezione di Napoli Osservatorio Vesuviano;
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e-mail: mario.larocca@ov.ingv.it;
- Research interests:* Volcano seismology, array seismology, nonvolcanic tremor;
- Responsibilities:* Responsible of the local Mobile Seismic Network;
- Seismic Field surveys:* Stromboli, Panarea, Etna, Colfiorito, Gran Sasso (Italy);
Teide (Canary Islands, Spain), Mt. St. Helens, Olympic
Peninsula (Washington, USA), Deception Island (South
Shetland, Antarctica), Nisyros (Greece), Sao Miguel (Azores
Islands, Portugal), Colima (Mexico);
- Collaborations:* University of Washington, Seattle, USA;
University of Granada, Granada, Spain;
- Editorial activity:* Associate Editor of Annals of Geophysics.

Five most important papers

- La Rocca M., D. Galluzzo, S. Malone, W. McCausland, E. Del Pezzo (2010), *Array analysis and precise source location of deep tremor in Cascadia*. J. Geophys. Res., 115, B00A20.
- La Rocca M., K. C. Creager, D. Galluzzo, S. Malone, J. E. Vidale, J. R. Sweet, A. G. Wech (2009), *Cascadia tremor located near plate interface constrained by S minus P wave times*. Science, 323, 620-623.
- Rubinstein J., M. La Rocca, J. E. Vidale, K. C. Creager and A. G. Wech (2008), *Tidal modulation of non-volcanic tremor*. Science, 319: 186-189.
- La Rocca M., D. Galluzzo, G. Saccorotti, S. Tinti, G. B. Cimini, E. Del Pezzo (2004), *Seismic Signals Associated with Landslides and with a Tsunami at Stromboli Volcano, Italy*. Bull. Seism. Soc. Am., 94, 5, 1850-1867.
- Del Pezzo E., M. La Rocca, J. Ibanez (1997), *Observation of High Frequency Scattered Waves Using Dense Arrays at Teide Volcano*. Bul. Seism. Soc. Am., 87, 6, 1637-1647.