

To celebrate INGV's 25th anniversary, **Annals of Geophysics** invites you to scientific seminars at Istituto Nazionale di Geofisica Vulcanologia (INGV) Rome, Catania, and online via streaming. The seminar topics will be expanded and published in a special issue of **Annals of Geophysics** next October. To attend the in-person seminars, fill out the form at: <https://25anni.ingv.it/comunita-scientifica/seminari>

For updates and the streaming link, visit: <https://www.youtube.com/ingveventi>

08 Oct 2024, 15:30 - 16:30 Catania (Italian language)	<u>50-Yr Advances in Volcanic Gas Survey: the Case of Mount Etna</u> Dr. Patrick Allard - Institut de Physique du Globe de Paris (Fr)
10 Oct 2024, 10:00 - 11:15 Rome	<u>Crustal Structure of Southern California from Velocity and Attenuation Tomography</u> Prof. Thomas Jordan - University of Southern California, Los Angeles (US)
10 Oct 2024, 11:15 - 12:30 Rome	<u>Use of tsunami observations for resolving coseismic slip of recent and historic large submarine earthquakes</u> Prof. Thorne Lay - University of California Santa Cruz (US)
15 Oct 2024, 11:00 - 12:15 Catania	<u>A new view of seismicity under Mt. Etna volcano, Italy, 2014-2023 from multi-scale high-precision earthquake relocation</u> Dr. Anthony Lomax - ALomax Scientific, Mouans-Sartoux, (FR)
17 Oct 2024, 10:00 - 11:15 Rome	<u>Development and Improvement of the International Reference Ionosphere with special emphasis on the topside and extension to the plasmasphere</u> Prof. Dieter Bilitza - George Mason University, Fairfax, VA, (US)
17 Oct 2024, 11:15 - 12:30 Rome	<u>Boolean Delay Equations, Earthquakes, ENSO Modeling, & "Tipping Points"</u> Prof. Michael Ghil - IPSL (FR)
29 Oct 2024, 11:15 - 12:30 Rome	<u>A brief overview of the past, present and future of the Global Earthquake Model (GEM)</u> Dr. Helen Crowley - Global Earthquake Model, (IT)
31 Oct 2024, 11:15 - 12:30 Rome	<u>Why the Poles Matter?</u> Prof. Carlo Barbante - Università Ca' Foscari di Venezia (IT)
05 Nov 2024, 11:15 - 12:30 Rome	<u>Caldera resurgence and the case-history of Campi Flegrei</u> Prof. Roberto Scandone - Università Roma Tre (IT)
06 Nov 2024, 11:15 - 12:30 Rome	<u>Exploring the restless Earth with Passive seismic velocity monitoring: from external forcings to deep crust dynamics</u> Prof. Michael Campillo - Université Grenoble (FR)
25 Nov 2024, 09:00 - 10:15 INGV Rome - streaming	<u>Development of ETAS models: before its birth to today</u> Prof. Yoshihiko Ogata - Institute of Statistical Mathematics, Tokyo (Japan)
03 Feb 2025, 11:15 - 12:30 Rome	<u>Tsunami evacuation planning: a blueprint for mitigation actions using Stromboli</u> Prof. Andrew Harris - Université Clermont Auvergne (FR)
18 Feb 2025, 11:15 - 12:30 Rome	<u>Experimental access to volcanic eruptions</u> Prof. Donald Dingwell - Department of Earth and Environmental Sciences, Monaco, (DE)
06 Mar 2025, 11:15 - 12:30 Catania	<u>The Challenge of Volcano Monitoring, Eruption Forecasting, and Protecting Vulnerable Populations</u> Dr. Jacob Lowenstern - USGS-USAID, Vancouver (US)
11 Mar 2025, 11:15 - 12:30 Rome	<u>Multihazards in volcanic environment and the importance of inter and trans disciplinarity for increasing resilience</u> Dr. Irene Manzella - University of Twente (NL)
26 Mar 2025, 10:00 - 11:15 Rome	<u>Precision Seismicity of the San Andreas Fault System in Central California: Insights into Active Tectonics and Earthquake Physics</u> Prof. William Ellsworth - Stanford University, California (US)
26 Mar 2025, 11:15 - 12:30 Rome	<u>Adria microplate: a puzzling key stone in west-central Mediterranean geodynamics</u> Prof. Eduard Kissling - ETH Zurich (CH)
31 Mar 2025, 11:15 - 12:30 Rome	<u>Seismic Phase Association and Earthquake Location with Graph Neural Networks</u> Prof. Gregory Beroza - Stanford University, California (US)
19 May 2025, 11:15 - 12:30 Rome	<u>Developing liquefaction prediction equations for gravels based on DPT blow count and shear wave velocity at field case history sites</u> Prof. Kyle Rollins - Brigham Young University, Provo, Utah (US)