



Mercoledì 16 Gennaio 2019

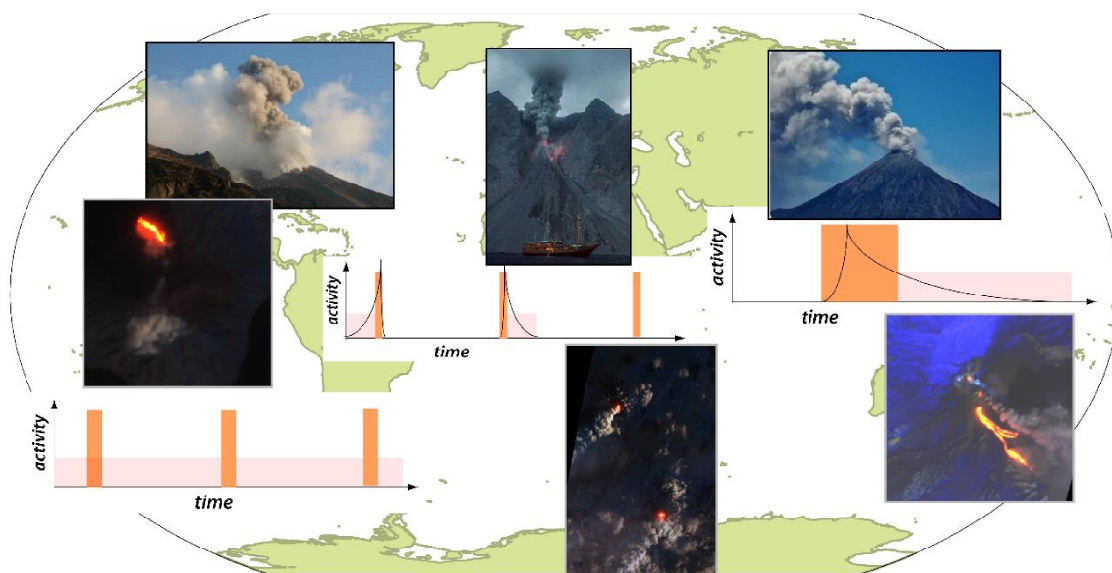
Ore 16.00 - Aula Ruffini

Dipartimento di Scienze della Terra, via Valperga Caluso 35 - Torino

GEMINI FOR A DAY - analyzing volcanic activity from seconds to decades

Dr. Marco Laiolo

Dipartimento di Scienze della Terra, Università di Torino



Many active volcanoes exhibit striking similarities spanning from morphostructural setting to the eruptive style, as well as the nature of the erupted materials. However, the adopted timescale for the investigation of volcanic activity (from single explosion to Holocene timespan) is crucial for decrypting the causes that promote it. By starting from the eruptive styles, this seminar discusses the behavior of different volcanoes highlighting the advances offered by a long-term investigation on analyzing the observed activity. This analysis may unravel the different mechanisms driving the eruptions giving us new tools to understand the investigated volcanic systems. In this view, satellite data represent an invaluable resource for a primary knowledge on worldwide volcanoes, with a direct contribution for the evaluation of risk and evolving hazards.

