

## Science Theatre: a complementary way to implement seismic risk reduction

Tiziana Lanza, Gemma Musacchio, and Giuliana D'Addezio Istituto Nazionale di Geofisica e Vulcanologia, Rome, Laboratorio di Didattica e Divulgazione Scientifica, Rome, Italy (tiziana.lanza@ingv.it)

Besides more traditional ways to implement seismic risk reduction, we have experimented science theatre in some occasions. Scientists and science communicators of different disciplines widely use nowadays theatre to spread scientific culture and in some cases to fully involve people in the challenges science has to face in the contemporary world. Participatory theatre for instance is an efficacious example. Nevertheless, to which extent science theatre can influence the behaviour of people living in a seismic area? It is a question difficult to be addressed in the specific case since earthquakes do not occur very often and the efficaciousness of the method cannot be easily tested. Indeed, from our experience science theatre could be a complementary method to transfer knowledge, triggering at the same time a positive attitude on natural disasters reduction best practices. In this occasion we will illustrate how we have worked in this direction experimenting science theatre with different modalities