

66th
GENERAL CONFERENCE
GLOBAL COOPERATION IN THE NUCLEAR FIELD

66th IAEA General Conference

26 – 30 September 2022, Vienna International Centre, Vienna

#IAEAGC

AIPnD side event

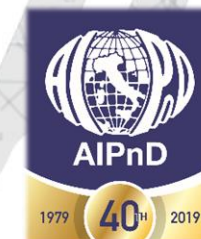
“Application of Non-destructive Testing for Cultural Heritage and Post-disaster Intervention”

Tuesday September 27th, 2022 - 10.00/11.30 am

Conference Room CR7, C building, 7th floor



Permanent Mission of Italy
International Organisations - Vienna



“Application of Non-destructive Testing for Cultural Heritage and Post-disaster Intervention”

Non-destructive testing techniques are essential in studying the structural stability and safety of buildings, and the effects of disasters such as earthquakes floods, building collapses, fires and explosions, as well as in post-disaster interventions.

This event will showcase Italy’s competences and experience in this field and in preserving cultural heritage, in the light of the high vulnerability of its territory to disasters and the collapse of Morandi Bridge in 2018.

The contribution of the Italian Society for Non-Destructive Testing Monitoring Diagnostics (AIPnD) to IAEA activities and technical cooperation projects will be highlighted.

This event is organized by Italy.

Join our side-event on.line, registration required:

<https://us02web.zoom.us/meeting/register/tZclduurpzsiHdNE0TmT07TE4h76JYB3WnHX>

For more details:
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- 10.00 am **Welcome Address and brief introduction**
representatives of AIPnD, IAEA, Permanent Mission of Italy to the International Organizations in Vienna
- 10.10 am **Post disaster intervention and cultural heritage: Italian experiences and activity of AIPnD in agreement with IAEA**
Dario Foppoli (AIPnD Study Commission on Cultural Heritage - technical director of FOPPOLI MORETTA e ASSOCIATI s.r.l.)
- 10.25 am **Non-Destructive surveys for assessing the post-earthquake state of preservation of historical and monumental buildings: a focus on thermographic applications**
Monica Volinia (AIPnD Study Commission on Cultural Heritage - Politecnico di Torino, DAD Dept. of Architecture and Design)
- 10.40 am **The experience of Opificio delle Pietre Dure in the management of cultural heritage in the event of disasters**
Sandra Rossi (Opificio delle Pietre Dure, Firenze)
- 10.55 am **Italian approach to reliability assessment of bridges after the Genoa viaduct collapse**
Roberto Felicetti (AIPnD Study Commission on Civil Engineering - Politecnico di Milano, DICA Dept. of Civil and Environmental Engineering)
- 11.10 am **The IAEA, Cultural Heritage and Disasters: Trends and Future Prospects**
Hannah Asamoah Affum (International Atomic Energy Agency, Department of Nuclear Sciences and Applications)
- 11.25 am **q&a and conclusions**