

## Channeling 2018



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## Geology Activities and Radon in Ischia Island

*Sunday, 23 September 2018 14:30 (15 minutes)*

Since 2006, the Liceo Statale Ischia has joined the Envirad and Radiolab Projects, promoted by the INFN (Naples section) on the study of radon. Radon is a natural radioactive gas that can get high concentrations in indoor environments, with consequent risk to health. The Lyceum students promoted in the first years a measurement campaign of radon concentrations in public buildings, especially in schools of Ischia. Later the monitoring extended to the homes of the students who attended the project. Experimental results indicated a great variability in radon concentrations: many measures reported values below 400 Bq/cm (as limited by the Italian law), others, not rare, have detected up to 800 Bq/cm, highlighting risk situations. In the last two years, the project has focused more on the dissemination of radon-risk culture and on the statistic compilation of the perception of radon-risk in the island population.

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