

Monitoring of Pietà Rondanini: new approaches to cultural heritage preservation

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AIM: Analyze long term data for early warning damage and propose new measurement solutions

Description

Long term monitoring is not a common practice for cultural heritage: new expositions in city centers need a continuous control against any possible vibration threats.

Pietà Rondanini is monitored since 2015, having a unique and unvaluable database about the effectiveness of a new technological base to filter vibrations.

A deeper data analysis is now needed, considering traditional and Machine Learning approaches.



The thesis will be carried out at the Department of Mechanical Engineering and at Castello Sforzesco Milano.



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