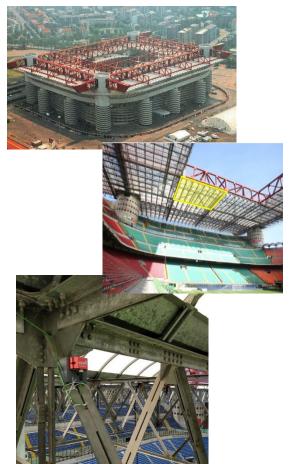# Structural health monitoring in the ambit of the Meazza stadium

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AIM: develop and test of innovative data processing tools for structural health monitoring of stadia

Description

The long-term monitoring of structures like stadia allows to obtain a huge amount of data. The aim is to study and test advance data processing techniques aimed to automatically detect potential damages, relying on acquired data.

Skills and knowledge:

Basic data processing, at least basic knowledge of Matlab.

The thesis will be carried out at the Departement of Mechanical Engineering, in the Laboratory of Mechanical Measurements and on field.

http://www.mecc.polimi.it/