ro this project, made possible by the great expertise of the Rapallo engineering department, and in particular the process manager Mr. Canepa, architect, aimed to provide the town with a venue suited to hosting exhibitions and displays of a high cultural and artistic level.
Two distinct areas have been created on the first and on the second floor of the castle, in which all the necessary solutions had been implemented to achieve the precautionary preservation of the works on display: monitoring the relative humidity and temperature, controlling the natural and artificial light, safety systems for fire, flooding and theft. I used the valid consulting services of Mr. Umberto Zamuner, engineer, in the design of the plants.

LM Which were the criteria adopted to design the staging of the rooms?
Baldi *I wanted to ensure a highly flexible solution that made the rooms adaptable from time to time to different exhibition arrangements (linear surfaces, compartments, etc.) and to different types of works on display, whether drawings, engravings, paintings, sculptures. This is the reason I selected self-supporting and mobile, modular panelling, which create interchangeable display surfaces that are independent of the walls of the historical building.*
The choice of this type of staging is also justified by the fact that it is inappropriate, from the precautionary preservation aspect, to position the works of art in direct contact with the walls, in view of the Castle's position on the seashore and the high level of humidity that transpires from the walls.

LM Which features characterise the lighting project?
Baldi *The flexibility of the staging must correspond to a flexibility of the lighting system. An overhead lighting solution has been foreseen by installing an electrified track in a ring arrangement positioned in a central area equidistant from the walls of the exhibition rooms in order to provide the lighting in the rooms, while taking into account the various possible staging solutions.*
The tracks have been fitted with adjustable Matrix spotlights designed by Fosnova (Disano), which achieve a highly performing lighting solution thanks to their optics. These spotlights are equipped with an integrated dimmer that allows the quantity of lux that illuminates the object on display to be adjusted, to achieve the optimum optic-visual balance that enables the work on display to be perceived while using a minimum quantity of light, otherwise the work of art would be damaged if high values were used.
The choice in favour of this type of luminaire is also justified by the possibility of equipping the lighting unit with lenses, filters and a guillotine, which enable luminous scenarios to be created by greater control of the luminous beam, for example, by creating a greater contrast between the illuminated object and the surrounding space that remains in semi-darkness.
Finally, the natural light that penetrates from the windows has been screened using a filtering film specific for museums, which has the characteristic of not changing the chromatic quality of the works of art. •