5. Emerging tools for Conservation practice

Manuela Incerti, Stefania Iurilli, Gaia Lavoretti, Ulive Velo

EARTHQUAKE, SURVEY AND ADVANCED REPRESENTATION: knowledge, restoration and enhancement of the architectural heritage in the city of Ferrara, world heritage site.

INTEGRATED SURVEY. By integrating different acquisition strategies, it is possible to capture the entire architectural heritage, from the buildings to the streets, gardens and public spaces.

LEARNABLE & EXPANDABLE

 knowledge acquisition / contemporary preservation of CULTURAL HERITAGE

virtual international register to assure the TRACK of the life of the heritage

CHURCH OF SAN MARCO DELL’ANNUNZIATA, FERRARA, ITALY

Church of Santa Maria della Consolazione, Ferrara. 11th-12th century.

DATA ACQUISITION

POST PRODUCTION AND PROCESSING. A survey, repeated in a scientific and integrated way, must be linked to a complex knowledge of an architectural object. It is equally important that this knowledge leads to a clear and accurate synthesis in the post-production phase. This ensures that the final user can understand and interpret the survey results.

COMMUNICATION

ORGANISING AND DOCUMENTING COMPLEX INFORMATION. In recent years, research on new methods of media communication has been conducted, not least in the field of the digital humanities. The aim is to make complex information accessible to a wide range of users, from professionals to the general public.

DISSEMINATION

The aim is to make complex information accessible to a wide range of users, from professionals to the general public.

SCIENTIFIC SURVEY

DATA ANALYSIS

POST PRODUCTION AND PROCESSING. If a survey, repeated in a scientific and integrated way, must be linked to a complex knowledge of an architectural object. It is equally important that this knowledge leads to a clear and accurate synthesis in the post-production phase. This ensures that the final user can understand and interpret the survey results.

Church of Santa Maria della Consolazione, Ferrara. 11th-12th century.

Sunaria Schiattarella: laser scan of the façade and the main entrance.