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Digital Humanities Summer School: Visualizing San Saba (Rome, 1–7 Jul 19)

Rome, Jul 1–07, 2019
Deadline: Jun 7, 2019

Angelica Federici, Rome

Visualizing San Saba: Digital Storytelling in a Medieval Monastery in Rome

Director: Giulia Bordi

This one week Summer School is tailored for art history, archaeology, architecture and engineering students, who are keen on exploring Rome's unique cultural heritage, through the lens of Digital Humanities. The scarcely known area of the small Aventine with a focus on the monastery of San Saba will be at the centre of this multidisciplinary project. Students will divide their time between the monastery and the labs of the Università degli Studi di Roma Tre. The project will entail the development of digital cognitive paths based on this case study with the objective of reconstructing and virtually retracing the archaeological, architectural and artistic history of this Basilica (ca. V-XX century).

Activities:
The course will include: an archaeological, architectural and historical introduction to the monuments of the Little Aventine with the intent of reconstructing digitally the various building phases that characterise the San Saba complex; an overview of new immersive technologies; an in-depth study of digital acquisition and restoration techniques; a practical session to understand benefits and limitations of current digital tools.

Objectives:
Students will scan, digitize and reprocess documents in order to create 3D models and routes in AR / VR at the Basilica of San Saba. Ultimately, they will be expected to create a software mobile application on San Saba published and presented for critical review at a conference.

Locations and partners:
Roma Tre University (Department of Humanities)
Roma Tre University (Department of Engineering)
St Saba on the small Aventine, Church and Monastery

The lab foresees the development of an app as well as a workshop on an acquisition pipeline, georeferencing, GIS implementation of a specific archaeological dataset: acquisition with image-based 3D modeling techniques, georeferencing with GPS / total station, data import in ArcGIS, creation of a geodatabase.

Scientific Comitee:

Giulia Bordi (Roma Tre University – Department of Humanities); Angelica Federici (PhD-RAHN); Marco Carli, Federica Pascucci, Federica Battisti (Roma Tre University – Department of Engeeniring); Raffaele Carlani (Architect – Katatexilux).

Fee:
850 euros
Reduction for students who don't need accommodation: 20% (680 euros)

Contact
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