

Current and Innovative Methods of Digital Reconstruction of Shipwrecks

Organizer

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Session Description

The advent, development, and deployment of 3D graphic digital technology in the service of maritime archaeology are due to the emergence and adaptation of a suite of sonar, laser, optical, and other sensor-based technologies capable of capturing terrestrial, intertidal, seabed, and sub-seabed sediments in 3D and high resolution. This collection of digital tools is enhanced by the employment of photogrammetry, capable of recording detail with millimetre precision. The purpose of the session would be to present current research and excavation projects applying digital tools and the introduction of innovative methodologies.

Keywords

Digital; CAD; Photogrammetry; Reconstruction