

Preface: Workshop “Digital Construction 2023”

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The Digital Construction workshop was organized by the ISPRS ICWG II/I as part of Geospatial Week 2023 in Cairo, Egypt. The theme of the workshop centered on the integration of geospatial technologies within the architecture, engineering, and construction (AEC) industry. The primary objective was to bring together researchers and practitioners from both geospatial and AEC communities, promoting discussions on the latest advancements and future trends in digital construction.

The workshop received a total of 17 submissions, which were reviewed by the scientific committee and workshop chairs. After the reviews, 5 papers were accepted for inclusion in the Annals and 7 for the Archives. The presentations covered topics related to the application of geospatial technologies in digital construction, including laser scanning, photogrammetry, positioning, unmanned aerial mapping, as-built 3D modeling, computer vision, additive manufacturing, visualization techniques, IoT sensors, real-time monitoring, and quality control.

The workshop chairs would like to thank the scientific committee for the detailed review of all submissions, as well as to the organizing committee of the ISPRS Geospatial Week 2023.

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