George Pavlidis

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George Pavlidis (SM IEEE) received the diploma and the PhD degree in electrical and computer engineering earning the Ericsson Award of Excellence in Telecommunications. He is a Research Director at the Athena Research Center, heading the Media, Speech and Content Technologies Department. His research focuses on digital image and multimedia technologies, content analysis and retrieval, machine learning and artificial intelligence, digital humanities, humanities computing, cultural informatics, 3D digitization, and cross-reality applications.

Selected Publications

1. Pavlidis, George, Anestis Koutsoudis, Fotis Arnaoutoglou, Vassilios Tsioukas, and Christodoulos Chamzas. "Methods for 3D digitization of cultural heritage." *Journal of cultural heritage* 8, no. 1 (2007): 93-98.

2. Koutsoudis, Anestis, Blaž Vidmar, George Ioannakis, Fotis Arnaoutoglou, George Pavlidis, and Christodoulos Chamzas. "Multi-image 3D reconstruction data evaluation." *Journal of cultural heritage* 15, no. 1 (2014): 73-79.

3. Kiourt, Chairi, Anestis Koutsoudis, and George Pavlidis. "DynaMus: A fully dynamic 3D virtual museum framework." *Journal of Cultural Heritage* 22 (2016): 984-991.

4. Pavlidis, George. "Recommender systems, cultural heritage applications, and the way forward." *Journal of Cultural Heritage* 35 (2019): 183-196.

5. Arampatzakis, Vasileios, George Pavlidis, Nikolaos Mitianoudis, and Nikos Papamarkos. "Monocular depth estimation: A thorough review. "*IEEE Transactions on Pattern Analysis and Machine Intelligence* 46, no. 4 (2023): 2396-2414.