

**George Tryfonos**  
Research Associate

George Tryfonos, PhD is a Research Associate at the UNESCO Chair on Digital Cultural Heritage of Cyprus University of Technology (CUT). He holds a B.Sc. in Architecture (2011) and a Diploma of Architect – Engineer (2012), both degrees obtained by the University of Cyprus (UCY). He received his PhD in January 2019 from the Department of Architecture, UCY.

His research activities at CUT focus on managing the digitization of cultural heritage in Building Information Modelling (BIM) using data from 3D laser scanning and photogrammetry. George has over than 6 years of teaching experience and research, including teaching architecture design media methodologies such as BIM, parametric design and digital fabrication. In addition, he is a member of Cyprus Scientific Technical Chamber and a professional training instructor of Human Resource Development Authority of Cyprus (HRDA) at the area of BIM.

His research area focuses on material simulation in BIM, CAD, CAM and industrial robotics fabrication programming tools. Using advanced design tools for BIM, parametric design, automation systems, real time robot control, CNC programming, 3D printing and optimization has conducted collaborations, tutorials and research on digitization and advance fabrication.