Theoharis Theoharis
Title: Professor of Graphics and Biometrics
Sector: Theoretical Informatics
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Academic Qualifications:

- D.Phil. in Graphics and Parallel Processing (1988) University of Oxford
- M.Sc. in Computation (1985), University of Oxford
- B.Sc. in Computer Science (1984) QMC, University of London

Appointments:

- 1993 - present : Assistant/Associate/Full Professor, Dept. of Informatics & Telecom., University of Athens
- 1987 - 1989 : Research Fellow, Cambridge University
- 1992 - 1993 : Consultant, Andersen Consulting
- 2002-2003: Visiting Professor, University of Houston

Teaching Activities: (current)

Undergraduate courses
- Computer Graphics I
- Computer Graphics II
- Data Structures
- Parallel Systems

Postgraduate courses
- Graphics & Visualization

Supervisor of 3 Ph.D. dissertations

Research Interests/Activities: (last 10 years)

- 3D Biometrics
- 3D Object Retrieval
- 3D Archaeological Reconstruction
- Fractals in Imaging
- Geometric Problems in Computer Graphics
- [Head of Computer Graphics Group]

Scientific Publications/Citations:

- 37 publications in refereed journals
- 49 refereed conference publications
- >25 International Invited Talks
- ~ 1000 citations.
- Author/co-author of 3 textbooks (1 international)
- 1 US patent, 4 Pending Applications (US/EU)

Top five publications

- "**Graphics and Visualization: Principles & Algorithms**", AK Peters, Wellesley (MA), 2008.
- "Using Facial Symmetry to Handle Pose Variations in Real-World 3D Face Recognition", IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI), to appear.
- "PANORAMA: A 3D Shape Descriptor based on Panoramic Views for Unsupervised 3D Object Retrieval", International Journal of Computer Vision (IJCV), 89(2/3), September 2010, pp. 177-192.
- "Reconstruction of Three-Dimensional Objects through Matching of their Parts" , IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI), 24(1), January 2002, pp. 114-124.
- '3D face recognition in the presence of facial expressions: An annotated deformable model approach', IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI), 29(4), April 2007, pp. 640-649.

Distinctions:

- Fulbright Research Scholar 2002
- Eurographics Recognition of Service Award 2009