

# Rawesak Tanawongsuwan

## Address

Faculty of ICT  
Mahidol University  
999 Puttamonthon Rd. Salaya  
Nakhon Pathom 73170  
Thailand

Tel: +66 2 441 0909  
Fax: +66 2 849 6099  
Email: rawesak.tan@mahidol.ac.th

## Research Interests

Computer Vision, Image Processing, Computer Graphics, Multimedia

## Education

Georgia Institute of Technology	Ph.D. Computer Science	2003
Georgia Institute of Technology	M.S. Computer Science	1999
Carnegie Mellon University	B.S. Computer Science and Mathematics	1996

## Doctoral Student Supervision

Name	Year Graduated, University
Somchai Phatthanachuanom	2016, Mahidol University

## Publication Statistics

Citations: Google Scholar: 598 with h-index of 8  
Scopus: 201 (excluding self-citations) with h-index of 3

## Selected Publications

### Journals (refereed)

Phatthanachuanom S, Tanawongsuwan R. Color Transfer by Region Exploration and Navigation. IEICE Transactions on Information and Systems 2017.

### Conferences with Proceedings (refereed)

Roty S, Wiratkapun C, Tanawongsuwan R, Phongsuphap S. Analysis of microcalcification features for pathological classification of mammograms. In Proceeding of the Biomedical Engineering International Conference (BMEiCON), 2017.

Rasameetham C, Russameeruttayadham S, Wannasrirat S, Tanawongsuwan R. 3D Animation Short Film: Falling in Love. In the ICT International Senior Project Conference (ISPC) 2012.

Phatthanachuanchom S, Tanawongsuwan R. Image Camouflaging. In Proceedings of the 2nd International Conference on Advances in Information Technology (IAIT) 2007.

Tanawongsuwan R, Bobick B. Modelling the Effects of Walking Speed on Appearance-based Gait Recognition. In Proceedings of IEEE Computer Vision and Pattern Recognition Conference (CVPR) 2004.

Tanawongsuwan R, Bobick B. Performance Analysis of Time-Distance Gait Parameters under Different Speeds. In the International Conference on Audio-and Video-Based Biometric Person Authentication (AVBPA) 2003.

Tanawongsuwan R, Bobick B. Gait recognition from time-normalized joint-angle trajectories in the walking plane. In Proceedings of IEEE Computer Vision and Pattern Recognition Conference (CVPR) 2001.

Stillman S, Tanawongsuwan R, Essa I. Tracking multiple people with multiple cameras. In Proceedings of Second International Conference on Audio-Vision-based Person Authentication (AVBPA) 1999.

### **Articles**

Tanawongsuwan R. A Survey of Approaches to Digital Image Matting. In the Faculty of Science 50th Anniversary Article Collection 2009.