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Assistant professor

Personal Information



Visual System Laboratory,

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Research Interests

Computer Graphics

- Human motion / Information Visualization
- Surfaces parameterization and manipulation
- Visual Media Retargeting
- Game development

Education

- | | |
|-------------------|---|
| 2005.09 - 2012.01 | Ph.D. in Computer Science and Information Engineering,
National Cheng Kung University
Advisor: Professor Tong-Yee Lee
Phone (Office) : 886-6-275-7575 ext 62531
(Computer Graphics Group of Visual System Laboratory) |
| 2004.09-2005.06 | M.S. in Computer Science and Information Engineering,
National Cheng Kung University
Promote to pursue Ph.D. degree at 2005/09
Advisor: Professor Tong-Yee Lee |
| 2000.09 - 2004.06 | B.S. in Computer and Information Science,
National Chiao Tung University |



Work Experience

- 2013.02 - now Assistant professor @ Dept. of Computer Science and Information Engineering, Yuan Ze University.
- 2012.02 - 2013.01 Private @ R.O.C. Marine Corps (mandatory military service)
- 2007.10 - 2010.09 Administrant Assistant @ CSIE office
in National Cheng Kung University
- 2005.10 - 2011.06 Teaching Assistant of Computer Graphics and Optimization Design
related course in National Cheng Kung University
- 2001.03 - 2004.06 System Administrator @ Center for SF studies
in National Chiao Tung University

Professional Activities

Publications

1. **Shih-Syun Lin, Chao-Hung Lin, I-Cheng Yeh, Shu-Huai Chang, Chih-Kuo Yeh, Tong-Yee Lee**, "Content-Aware Video Retargeting Using Object-Preserving Warping," *IEEE Transactions on Visualization and Computer Graphics*, Vol.19, No.10, October 2013
Page 1677-1686 (SCI/EI, ISI ranking: 4/104 = 3.8%@2011)
2. **I-Cheng Yeh, Wen-Chieh Lin, Tong-Yee Lee*, Hsin-Ju Han, Jehee Lee, Manmyung Kim**, "Social-Event-Driven Camera Control for Multi-Character Animations," *IEEE Transactions on Visualization and Computer Graphics*, Vol.18, No.9, September 2012 (Page 1496-1510)
(SCI/EI, ISI ranking: 4/104 = 3.8%@2011)
3. **Hongchuan Yu, Tong-Yee Lee*, I-Cheng Yeh, Xiaosong Yang, Wenxi Li, and Jian J. Zhang**, "An RBF-based Reparameterization Method for Constrained Texture Mapping," *IEEE Transactions on Visualization and Computer Graphics*, Vol.18, No.7, July 2012 (Page 1115-1124) (SCI/EI, ISI ranking: 4/104 = 3.8%@2011)
4. **I-Cheng Yeh, Chao-Hung Lin, Olga Sorkine, Tong-Yee Lee***, "Template-based 3D Model Fitting Using Dual-domain Relaxation," *IEEE Transactions on Visualization and Computer Graphics*, Vol.17, No.8, August 2011 (Page 382-395)
(SCI/EI, ISI ranking: 4/104 = 3.8%@2011)
5. **I-Cheng Yeh, Chao-Hung Lin, Hung-Jen Chien, Tong-Yee Lee***, "Efficient Camera Path Planning Algorithm for Human Motion Overview," *Computer Animation and Virtual World*, Vol.22, Issue 2-3, April-May 2011 (Page 239-250)
(accepted by CASA 2011) (SCI/EI)

6. Jackie Assa, Daniel Cohen-Or, I-Cheng Yeh, Tong-Yee Lee*, "Motion overview of human actions," *ACM Transactions on Graphics (TOG)*, Vol.27, No.5, December 2008
(accepted by SIGGRAPH Asia 2008) (SCI/EI, ISI ranking: 3/86 = 3%@2008)
7. Tong-YeeLee*, Shao-Wei Yen, I-Cheng Yeh, "Texture Mapping with Hard Constraints Using Warping Scheme," *IEEE Transactions on Visualization and Computer Graphics*, Vol.14, No.2, March/April 2008 (Page 382-395)
(SCI/EI, ISI ranking: 8/86 = 9%@2008)

Ph.D. Dissertation

- I-Cheng Yeh, "Human Activity Visualization," *Ph.D. dissertation*, National Cheng Kung University, 2011.

Conference Presentations

2011.7	Computer Graphics Workshop, Taipei, Taiwan
2011.5	Computer Animation and Social Agents, Chengdu, China
2010.06	Computer Graphics Workshop, HsinChu, Taiwan
2008.12	ACM Siggraph Asia Conference, Singapore (Assistance)

Awards

2012.8	IPPR Doctoral Dissertation Award - Honorable Mention
2011.7	CGW Best Paper Award

Research Collaborators

2010.11 - 2011.5	Hongchuan Yu (Bournemouth University, Dorset, UK)
2009.09 - 2011.11	Wen-Chieh Lin (National Chiao Tung University, Taiwan)
2009.04 - 2010.7	Olga sorkine (New York University, US)
2008.09 - now	Chao-Hung Lin (National Cheng Kung University, Taiwan)
2007.10 - 2008.8	Jackie Assa and Daniel Cohen-Or (Tel Aviv University, Israel)

General Skills and Records

Extracurricular Experience at School

2001.03 - 2004.06	Charter President / Member @ SciSci Club in National Chiao Tung University
2001.09 - 2004.06	Instructor / Member @ Campus Computer Communication Association in National Chiao Tung University

Computer Skills

Programming	C++(Advanced), C#/.NET framework(Advanced), C(Intermediate), Matlab(Beginning),JAVA(Beginning), PHP(Beginning)
Develop kits	Visual Studio(Intermediate), Subversion(Intermediate), Eclipse(Beginning)
Applications	Adobe Premiere(Advanced), Adobe Illustrator(Intermediate) , Adobe Photoshop(Intermediate), Power Point(Advanced), Excel(Intermediate), Word(Intermediate), Using LATEX(Advanced)
System Administration	FreeBSD (Intermediate), Windows Server (Beginning)

Language Skills

Chinese	Proficient (Native Speaker)
English	Moderate
Taiwanese	Limited