

Yunjin Lee

Division of Digital Media, Ajou University
San 5 Woncheon-dong Yeongtong-gu
Suwon 443-749, Republic of Korea
Phone: +82-31-219-1823
WWW: <http://vcl.ajou.ac.kr/~yunjin>
E-mail: yunjin@ajou.ac.kr

EDUCATION

Ph.D in Computer Science & Engineering Pohang Univ. of Science and Technology (POSTECH) Dissertation: "Mesh Scissoring: Contour-Based Mesh Segmentation" Advisor: Seungyong Lee	Mar 1999 – Aug 2005
B.S. in Computer Science & Engineering Pohang Univ. of Science and Technology (POSTECH)	Mar 1995 – Feb 1999

RESEARCH INTERESTS

Mesh parameterization, Mesh segmentation, Mesh signal processing
Surface reconstruction
Non-photorealistic rendering

WORK EXPERIENCES

Assistant Professor at Ajou University	Mar 2008 –
BK21 Research Faculty at Seoul National University	Oct 2007 – Feb 2008
Post-Doctoral Researcher at POSTECH	Jun 2007 – Oct 2007
Post-Doctoral Researcher at University of Michigan	May 2006 – Jun 2007
Post-Doctoral Researcher at POSTECH	Sep 2005 – May 2006
Research Assistant at POSTECH	Mar 1999 – Aug 2005
Research Assistant at Max-Planck Institute as a Visiting Student	Aug 2003 – Aug 2004
Teaching Assistant at POSTECH	Fall semester, 2004

AWARD AND FELLOWSHIP

Brain Korea 21 Fellowship (covers tuition and monthly stipend)	2001 – 2005
POSTECH Scholarship (covers tuition and monthly stipend)	1999 – 2005

COMPUTING KNOWLEDGE

Programming Language
C and C++
Graphics Libraries
OpenGL and DirectX.

PUBLICATIONS

"Feature-guided Image Stippling"

Dongyeon Kim, Minjung Son, Yunjin Lee, Henry Kang, and Seungyong Lee
Computer Graphics Forum (Special issue on the Eurographics Symposium on Rendering
(EGSR)), vol. 27, no. 4, pp. 1209-1216, 2008

"Abstract Line Drawings from 2D Images"

Minjung Son, Henry Kang, Yunjin Lee, and Seungyong Lee
In Proc. of Pacific Graphics 2007

"Line drawings via abstracted shading"

Yunjin Lee, Lee Markosian, Seungyong Lee, and John F. Hughes
ACM Transactions on Graphics (ACM SIGGRAPH 2007)

"Surface and normal ensembles for surface reconstruction"

Mincheol Yoon, Yunjin Lee, Seungyong Lee, Ioannis Ivrissimtzis, and Hans-Peter Seidel
Computer-Aided Design, vol. 39, no. 5, pp. 408-420, May 2007

"Progressive Images: Applying Mesh Processing to Images"

Yunjin Lee, Jong-Guk Im, Seungyong Lee
International Journal of Shape Modeling, vol. 12, no. 2, pp. 193-212, World Scientific
Publishing Company, December 2006

"Overfitting Control for Surface Reconstruction"

Yunjin Lee, Seungyong Lee, Ioannis Ivrissimtzis, and Hans-Peter Seidel
In Proc. of fourth Eurographics Symposium on Geometry Processing 2006, pp. 231-235,
Sardinia, Italy, June 2006

"Ensembles for Normal and Surface Reconstructions"

Mincheol Yoon, Yunjin Lee, Seungyong Lee, Ioannis Ivrissimtzis, and Hans-Peter Seidel
Lecture Notes in Computer Science 4077, Geometric Modeling and Processing 2006, pp. 17-
33, 2006

"Progressive Images: Applying Mesh Processing to Images"

Yunjin Lee, Jong-Guk Im, Seungyong Lee
In Proc. of the 7th Israel-Korea Binational Conference on New Technologies and Visualization

"Ensembles for Surface Reconstruction"

Yunjin Lee, Mincheol Yoon, Seungyong Lee, Ioannis Ivrissimtzis, and Hans-Peter Seidel
In Proc. of Pacific Graphics 2005

"Mesh Scissoring with Minima Rule and Part Saliency"

Yunjin Lee, Seungyong Lee, Ariel Shamir, Daniel Cohen-Or, and Hans-Peter Seidel
Computer Aided Geometric Design, Elsevier Science, 2005

"Feature Sensitive Mesh Segmentation with Mean Shift"

Hitoshi Yamauchi, Seungyong Lee, Yunjin Lee, Yutaka Ohtake, Alexander Belyaev, and
Hans-Peter Seidel
In Proc. of Int'l Conf. on Shape Modeling and Applications 2005

"Intelligent Mesh Scissoring Using 3D Snakes"

Yunjin Lee, Seungyong Lee, Ariel Shamir, Daniel Cohen-Or, and Hans-Peter Seidel
In Proc. of Pacific Graphics 2004

"Neural Mesh Ensembles"

Ioannis Ivrissimtzis, Yunjin Lee, Seungyong Lee, Won-Ki Jeong, and Hans-Peter Seidel
In Proc. of Int'l Symposium on 3D Data Processing, 2004

"Surface Reconstruction Based on Neural Meshes"

Ioannis Ivrissimtzis, Won-Ki Jeong, Seungyong Lee, Yunjin Lee, and Hans-Peter Seidel
In Proc. of Mathematical Methods for Curves and Surfaces, 2004

"Feature-Based Surface Light Field Morphing"

Eunhee Jeong, Minchoel Yoon, Yunjin Lee, Minsu Ahn, Seungyong Lee, and Baining Guo,
In Proc. of Pacific Graphics 2003

"Geometric Snakes for Triangular Meshes"

Yunjin Lee and Seungyong Lee
Computer Graphics Forum, vol. 21, no. 3, 2002

"Mesh Parameterization with a Virtual Boundary"

Yunjin Lee, Hyoung Seok Kim, and Seungyong Lee

"Parameterization of Triangular Meshes with Virtual Boundaries"

Yunjin Lee, Hyoung Seok Kim, and Seungyong Lee

In Proc. of the 3rd Israel-Korea Binational Conference on Geometric Modeling and Computer Graphics, 2001

REFERENCES

[Seungyong Lee](#)

Dept. of Computer Science and Engineering
Pohang Univ. of Science and Technology
Pohang, Gyungbuk, 790-784, Rep. of Korea
leesy@postech.ac.kr

[Jounghyun Gerard Kim](#)

Dept. of Computer Science and Engineering
Pohang Univ. of Science and Technology
Pohang, Gyungbuk, 790-784, Rep. of Korea
gkim@postech.ac.kr

Ioannis Ivrissimtzis

Faculty of Engineering and Computing
Coventry University
Priory Street, Coventry, CV1 5FB, UK
i.ivrissimtzis@coventry.ac.uk