

Eun Jung Ju

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Curriculum Vitae

Postdoctoral Researcher
Interaction and Robotics Research Center,
Korea Institute of Science and Technology,
Seoul, Korea.

Contact Information

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Research Interests

Computer Graphics, Character Animation, Motion Capture, Data-driven Animation, Physically-based Simulation, Stylistic Character Control, Real-time Character Control, Robot Control

Education

2004- 2010	Seoul National University, Seoul, Korea Ph.D. in School of Computer Science and Engineering, Aug 2010 Ph.D. Advisor: Prof. Jehee Lee
2000-2004	Yonsei University, Seoul, Korea B.S. in School of Computer Science, Aug 2004

Research Experience

2012-Now	Korea Institute of Science and Technology, Seoul, Korea Postdoctoral researcher in Interaction and Robotics Research Center
2010- 2012	Seoul National University, Seoul, Korea Postdoctoral researcher in School of Computer Science and Engineering

Teaching Assistantship

Fall 2004	'Engineering Mathematics', Seoul National University, Prof. Jehee Lee
Fall 2005	'Computer Animation', Seoul National University, Prof. Jehee Lee
Fall 2007	'Engineering Mathematics', Seoul National University, Prof. Jehee Lee

Presentations

Feb 2007	The 7 th Korea-Israel Bi-National Conference on Geometric modeling and Computer Graphics Seoul National University, Seoul, Korea Extended Abstract: A Sketch Interface for Synthesizing Character Animation
Dec 2007	Korea-Russia Data Mining Workshop Moscow State University, Moscow, Russia Federation Topic on Expressive Facial Gestures from Motion Capture Data
Apr 2008	EUROGRAPHICS 2008 Crete, Greece Paper: Expressive Facial Gestures from Motion Capture Data
Dec 2010	SIGGRAPH ASIA 2010 Seoul, Korea Paper: Morphable Crowds
Aug 2011	SIGGRAPH 2011 Vancouver, Canada Technical Talk: Data-driven Bird Simulation

Honors and Awards

2007-2008	National Graduate Science and Technology Scholarship: Received a scholarship
2007-2010	Human Resources Development Program with Korea Research Foundation: Received a scholarship
2009	Human-Tech Paper Awards of Samsung Electronics: Received the silver award
2010-2011	Fostering Next-generation Researchers Program from National Research Foundation of Korea

Technical Reviewer

- 2009 ACM SIGGRAPH Annual Conference
- 2011 IEEE Virtual Reality
- 2012 IEEE Transactions on Visualization and Computer Graphics
- 2012 ACM SIGGRAPH/Eurographics Symposium on Computer Animation Committee
ACM SIGGRAPH Annual Conference
Computer Graphics Forum

Publications

- 2008 Eunjung Ju, Jehee Lee, “Expressive Facial Gestures from Motion Capture Data”, *Computer Graphics Forum* (also presented at EUROGRAPHICS 2008), Volume 27, Number 2, pp.381-388, April 2008
- 2009 Myung Geol Choi, Eunjung Ju, Jungwoo Chang, Young J Kim, Jehee Lee, “Linkless Octree Using Multi-Level Perfect Hashing”, *Computer Graphics Forum* (also presented at Pacific Graphics 2009), Volume 28, Number 8, 1773-1780 , August 2009
- 2010 Eunjung Ju, Myung Geol Choi, Minji Park, Jehee Lee, Kang Hoon Lee, Shigeo Takahashi, “Morphable Crowds”, *ACM Transaction on Graphics* (also presented at SIGGRAPH ASIA 2010), Volume 29, Issue 6, Article No. 140, December 2010
- 2011 Eunjung Ju, Byungkuk Choi, Junyong Noh, Jehee Lee, “Data-driven Bird Simulation”, SIGGRAPH 2011 Technical Talk (presented at SIGGRAPH 2011), August 2011

Reference

Prof. Jehee Lee (Ph.D. Advisor)

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