

15-869 – Feb 7, 2012

Today we talked about:

SIMBICON: Simple Biped Locomotion Control

KangKang Yin, Kevin Loken, and Michiel van de Panne

ACM Transactions on Graphics (Proc. ACM SIGGRAPH 2007)

<http://www.cs.ubc.ca/~van/papers/Simbicon.htm>

Jessica K. Hodgins, Wayne L. Wooten, David C. Brogan, and James F. O'Brien. Animating human athletics. In *Proceedings of SIGGRAPH 95*, pages 71–78, August 1995

http://graphics.cs.cmu.edu/projects/animating_human_athletics/animatinghumanatheltics/Animating%20Human%20Athletics/Animating%20Human%20Athletics.html

Raibert, M. H., Hodgins, J., 1991. Animation of dynamic legged locomotion *SIGGRAPH '91*, Las Vegas, 25:4, 349--358. <http://dl.acm.org/citation.cfm?id=122755>

Robert Full's lab: <http://polypedal.berkeley.edu/cgi-bin/twiki/view/PolyPEDAL/WebHome>

The RHex robot <http://kodlab.seas.upenn.edu/RHex/Home>

Mitsuo Kawato's robotics lab at ATR: <http://www.cns.atr.jp/bri/en/research/learningbiped-locomotion/>