Relighting Human Locomotion

ANIMATION THEATER

Paul Debevec University of Southern California 13274 Fiji Way, 5th Floor Marina del Rey, California 90292 USA debevec@ict.usc.edu www.debevec.org



Director
Paul Debevec

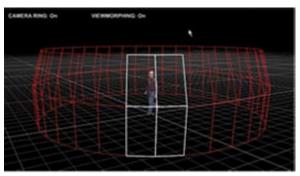
Producer Tomas Pereira Editor
Aimee Dozois

Contributors
Charles-Felix Chabert
Per Einarsson
Tim Hawkins
Katsunori Ishikawa
Andrew Jones
Bruce Lamond
Wan-Chun Ma
Brian Miller
Carlos Rodriguez
Sebastian Sylwan

PRE-PRODUCTION ARTWORK



The lighting apparatus, treadmill, and turntable used for capturing human locomotion from multiple viewpoints under time-multiplexed lighting.



Screenshot of real time renderer illustrating the virtual camera array.

(Top Image) Several instances of the subject are rendered into an image-based virtual environment with correct illumination.