Physically-Based Reflectance for Games

12:00 - 12:15: Conclusions / Summary

All Presenters



Conclusions

- Reflectance = substance + micro-structure
- Normalized Blinn-Phong good general BRDF
 - Cheap, intuitive parameters, correct highlights
- Antialiasing of BRDFs important
- Use of filtered environment maps increases realism



Here is where the presenters will discuss the results we have presented.



Time permitting, we will take questions from the audience here.

Course Web Page

 The latest version of the course notes can be found at

http://www.cs.ucl.ac.uk/staff/J.Kautz/GameCourse/



References

See course notes appendix for references



Acknowledgements

- Shanon Drone, John Rapp, Jason Sandlin and John Steed for demo help
- Paul Debevec for light probes
- Jan's research collaborators: Fredo Durand, Paul Green, Wolfgang Heidrich, Jaakko Lehtinen, Mike McCool, Tom Mertens and Hans-Peter Seidel
- Keith Bruns for game pipeline screenshots and information
- Michael Ashikhmin, Wolfgang Heidrich, Henrik Wann Jensen, Kazufumi Kaneda, Eric Lafortune, David McAllister, Addy Ngan, Michael Oren, Ravi Ramamoorthi, Elan Ruskin, Kenneth Torrance, Gregory Ward, and Stephen Westin for permission to use their images

