

MONSTROUS ADVANCEMENTS IN CGI

TESC | APRIL 14th, 2014

With a special screening of Pixar's "The Blue Umbrella"

In feature film today, VFX is delivering unprecedented levels of visual sophistication ... and new technologies like global illumination are making this possible. In this talk, Pixar's Dylan Sisson will explore the evolution of computer graphics, focusing on the most recent advancements for creating photorealistic VFX and 3D animation. Using case studies from Pixar's "Monster's University" and "The Blue Umbrella," he will examine the latest trends in physically based rendering. See how these changes are not only positively impacting pipelines at feature film studios, but at small studios as well. Learn about new opportunities for independent film and scientific visualization with practical techniques for students projects, such as capturing HDRI for image based lighting. This talk is suitable for anyone interested in the technical wizardry of cutting edge VFX.

Since his arrival at Pixar in 1999, Dylan Sisson has been engaged in the development of the RenderMan Products as a technical artist and is the creator of Pixar's RenderMan Walking Teapot. An active artist, he is also internationally recognized painter, toy designer, and his independent animated shorts have won several awards. Dylan currently resides in San Francisco.

