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*Computer-Aided Color Design:
Visualization and Paint Reflection
Modeling*

Recent advances in computer graphics hardware have made it possible to render reflective surfaces in real-time. An interactive application for automotive coating design has been developed leveraging this technology. Characterization of the space of design parameters has led to improved visualization, increased intuition about the properties of production paints and a more robust mapping from software to physically realizable products. Comparison of reflection models for paints may lead to improvements in rendering efficiency and visual quality.



Poster Number: Session: