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Table of Contents

Table of Contents	iii
Preface	iv
Author Index	v
Practical Methods	
Spectral Rendering with the Bounded MESE and sRGB Data	1
<i>Christoph Peters, Sebastian Merzbach, Johannes Hanika, and Carsten Dachsbacher</i>	
Fresnel Equations Considered Harmful	7
<i>Naty Hoffman</i>	
Models, Fitting, and Measurement	
Rendering Transparent Materials with a Complex Refractive Index: Semi-conductor and Conductor Thin Layers	13
<i>Morgane Gerardin, Nicolas Holzschuch, and Pauline Martinetto</i>	
Comparative Study of Layered Material Models	17
<i>Mégane Bati, Romain Pacanowski, and Pascal Barla</i>	
Estimating Homogeneous Data-driven BRDF Parameters from a Reflectance Map under Known Natural Lighting	23
<i>Victoria L. Cooper, James C. Bieron, and Pieter Peers</i>	
What is the Reddening Effect and does it really exist?	27
<i>Olaf Clausen, Ricardo Marroquim, Arnulph Fuhrmann, and Holger Weigand</i>	
Perception, Neural Methods, and Research Needs	
On Visual Attractiveness of Anisotropic Effect Coatings	31
<i>Jiří Filip and Martina Kolařová</i>	
Neural Appearance Synthesis and Transfer	35
<i>Ilya Mazlov, Sebastian Merzbach, Elena Trunz, and Reinhard Klein</i>	

Preface

The purpose of this workshop series is to discuss and define open issues in the modeling of material appearance. Acquiring, modeling, editing and rendering material appearance are active areas in computer graphics. In this workshop series we gather researchers and users of material appearance models to review the progress made in this domain, and what the promising lines of new research are.

The format of the workshop is presentation of positions and ideas followed by questions and comments. Position papers and/or ideas for presentations are submitted by potential speakers, and reviewed by the workshop co-chairs for relevance and clarity. Ten presentations were accepted. Eight of the presentations were accompanied by position papers that are included in this proceedings. The position papers are not like conventional conference papers. The main purpose of the papers is to summarize topics, report progress, pose problems and suggest research directions, rather than present finished results.

This year the event was divided into three parts — “Practical Models”, “Models, Fitting and Measurement”, and “Perception, Neural Methods and Research Needs”. Under “Models, Fitting and Measurement”, in addition to the position papers listed, Jonathan Dupuy discussed aspects of a new BRDF database that he created with Wenzel Jakob. Under “Perception, Neural Methods and Research Needs” in addition to the position papers Valentin Deschaintre gave an overview of the current role of neural networks in material appearance modeling.

Holly Rushmeier
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Workshop Co-Chairs

Author Index

Barla, Pascal	17	Klein, Reinhard	35
Bati, Mégane	17	Kolafová, Martina	31
Bieron, James C.	23	Marroquim, Ricardo	27
Clausen, Olaf	27	Martinetto, Pauline	13
Cooper, Victoria L.	23	Mazlov, Ilya	35
Dachsbacher, Carsten	1	Merzbach, Sebastian	1, 35
Filip, Jiří	31	Pacanowski, Romain	17
Fuhrmann, Arnulph	27	Peers, Pieter	23
Gerardin, Morgane	13	Peters, Christoph	1
Hanika, Johannes	1	Trunz, Elena	35
Hoffman, Naty	7	Weigand, Holger	27
Holzschuch, Nicolas	13		