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Roland Winston
Jeffrey Gordon
Editors

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Introduction

Welcome to the 2013 Nonimaging Optics Conference. The first conference convened in 1991, so this represents our 22nd year.

The conference had a gratifying turn out of submissions and attendees, which is a good indicator of the vitality of the field. From the beginning, the subject was differentiated from classical optics. In the first book on nonimaging optics in 1978, the great Walter T. Welford of Imperial College, London inserted the Stefan-Boltzmann law of radiation by a black body on page 1. When an optics book starts with a thermodynamic relation, you know something interesting is going to happen, and it has! From the beginning, concepts like maximum etendue, concentration, and thermodynamic efficiency were common themes. The connections between information and entropy inspire the design of optimal nonimaging optics devices. And that is why the fusion of the science of light (optics) with the science of heat (thermodynamics), is where much of the excitement is today.

So on behalf of the Conference Chairs, please enjoy the exciting new contributions to this vibrant field of nonimaging optics.

Roland Winston
Jeffrey Gordon