

Birefringence - Photographic Art
Explorations with Light
Dennis Thornton

Birefringence is the phenomenon that occurs when polarized light passes through certain anisotropic materials. The resulting changes in the light wavelengths, secondary to this process, can be expressed as observable colors. The spectrum of hues and the array of patterns produced can be photographed, in artistic compositional arrangements.

Dennis Thornton, a member of the Westchester Photographic Society will provide an overview on how principles of birefringence can be utilize to expand the content and repertoire of one's photography. As an accomplished photographer, Dennis has been an active member of WPS for two decades. He has regularly exhibited his work in public venues. Dennis has also participated in competitions both within and outside the club.

Dennis will draw on his scientific background, as a psychologist, to approach the topic in a step-wise manner. The goals will be to help explain the observed optical phenomenon, provide examples of different types of images that might be captured, with the process of cross-polarization. Dennis will share empiric results and suggestions to assist each photographer in being able to capture images of birefringence, on their own.

THE ECLECTIC QUARTET
APRIL 2023 PERFORMANCE

CARL ZUCKER	DENNIS THORNTON	JACKIE ROSS	ROB DUBLIN
			

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