Recent Advances in Color Filter Arrays and Demosaicing of Color and Multispectral Images

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Message from the Guest Editor

This Special Issue focuses on new developments in digital cameras using various CFAs as well as demosaicing algorithms for color, multispectral, and hyperspectral imagers. The following topics are of interest:

- New sensors/imagers that incorporate various CFAs;
- Optimization of imagers/sensors that incorporate CFAs under diverse lighting conditions;
- Special imagers for foggy, hazy, or turbulent environments;
- New CFA patterns;
- New demosaicing algorithms for color, multispectral, and hyperspectral images;
- New joint denoising and demosaicing algorithms;
- New inpainting algorithms with application to demosaicing;
- New denoising algorithms for improving demosaicing in low lighting conditions.

Special Issue

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Message from the Editor-in-Chief

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