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Computer-Assisted Image Processing for Materials Characterization

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Message from the Guest Editor

It is our honor to present this Special Issue, entitled "Computer-Assisted Image Processing for Material Characterization." This Special Issue will address the application of machine learning in order to assist optical and other inspection methods for the further analysis of material properties. Some potential topics include automated optical inspection, 3D optical inspection, applications of deep learning and machine learning in optical systems, and more. The aim is to develop intelligent and visual inspection techniques that can be employed to explore material properties that could not be detected using conventional methods in the past. These will be available in the foreseeable future for industrial or biomedical applications, aiming to advance academic and industrial development.

Dr. Yu-Chih Lin

Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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