

Preface

This book is a compilation of selected papers presented during the 25th Scientific Conference Microscopy Society Malaysia held in Bangi, Malaysia on 7th to the 9th of December 2016. This book shows the key role of microscopy and other various analytical techniques in the modern materials science including for the research of metals, ceramics, polymers, composites, nanomaterials and biomaterials. The book should be helpful to those who have little knowledge about microscopes and wish to explore more and also be useful to those who are experts but would like to learn more. Additionally, readers will be able to discover on microstructure-properties relationship of a wide variety of materials. However, as the theme of the conference was “Creating Sustainable World through Science and Technology of Microscopy” all contributions in this book concentrated around materials with properties and applications that may aid in solving pressing global issues such as environment, pollution, energy and biomedicine.

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