

Preface

The present volume contains selected papers of The 2014 International Seminar on Instrumentation, Measurement and Metrology (ISIMM 2014) held on August 27-28, 2014 in Yogyakarta Indonesia. The seminar, which has been jointly organized by Department of Physics, Faculty of Mathematics and Natural Sciences, Universitas Gadjah Mada and Department of Physics, Faculty of Mathematics and Natural Sciences, Institut Teknologi Bandung has accepted 166 abstracts. After having reviewed the abstracts, 100 papers were presented in the conference. Finally, under a tight peer-review process by at least two expert referees for each paper, 58 papers were accepted for publication in Applied Mechanics and Materials.

The papers are categorized into two groups that cover new developments and research results related to (a) Sensors and Instrumentation and (b) Methods of Measurement and Metrology. For more detail, they include Measurement systems and theory, instruments and sensor technology, signal processing, metrology, non-destructive testing and evaluation.

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