

## Preface

This volume contains the written versions of the contributions presented during the Broad Exposure to Science and Technology (BEST 2021), held by Engineering Faculty of Universitas Sultan Ageng Tirtayasa virtually on August 31, 2021.

The Conference provided a setting for discussing recent developments in various engineering and applied science topics, including Material science, Chemical, Mechanical, Electrical, Industrial and Civil Engineering. The Conference has been a good opportunity for participants from Indonesia, Malaysia, Algeria, Germany, Russia, and France to present and discuss topics in their respective research areas.

BEST 2021 conference included plenary lecturers and oral presentations to allow attendees to present their scientific results in the different engineering fields. The papers presented orally and the selected one focusing on synthesis, processing, and properties of organic and inorganic materials will be published by Trans Tech Publications Inc: Materials Science Forum.

Many thanks go to editors, reviewers, and all participants for their support and contributions to the program and this volume. Finally, I would like to thank all sponsors, partners, and colleagues. We can continue our collaboration in developing science and technology in upcoming activities.

Thank you,

**Dr. Endarto Y. WARDHONO**  
Chairman BEST 2021