Preface

On behalf of the organizing committee, it was a great pleasure for us to welcome you to the 15th International Conference on Quality in Research (QiR) 2017 to be held in Bali, Indonesia on July, 24 – 27, 2017. This biennial event was co-organized with the Faculty of Engineering Universitas Udayana and Politeknik Negeri Bali.

The main theme for the year conference is “Science, Technology and Innovation for Sustainable World”. Under this theme the conference focused on the innovative research and contribution in science and technology toward achieving sustainable world. In line with this theme, it is our utmost pleasure to present you with research papers in material-related field which were presented at QiR 2017 in the International Symposium on Materials, Metallurgy, and Chemical Engineering.

The QiR 2017 brought together national and international academicians, researchers, executives, government, industrial and business officials, practitioners and leaders to present and discuss a vast range of engineering, architectural designs and community development based on green and smart technology. QiR had been growing, since its first event two decades ago, into our flagship academic event with international reputation. This year, we received almost 1000 submissions from more than 26 countries. Along with our events in conjunction, more than 500 oral and poster presentations were scheduled with more than 700 participants gather in the event.

On behalf of QiR 2017 committee, we would like to thank all of our speakers, participants, contributors, partners and professional associations for their generous contributions. We also would like to acknowledge the support from our International Advisory Board members and distinguished reviewers. Last but not least, a special thanks to our local co-organizer, Universitas Udayana and Politeknik Negeri Bali.

We wish all of you a productive and rewarding conference, also a pleasant and memorable stay in Nusa Dua, Bali, Indonesia.

Thank you and we hope to see you in QiR 2019.

Ardiyansyah, PhD.
General Chair of QiR 2017 Organizing Committee