



CERTIFICATE OF APPRECIATION

Present to

Ahmad Rizal Sultan

For his/her participation as
an Invited Speaker at

The 5th International Symposium on Material, Mechatronics and Energy 2018

Gowa, Indonesia 7 November 2018



Dean of Engineering Faculty of
Hasanuddin University

Dr. Ir. Muhammad Arsyad Thaha, MT

Organized Committee



Rafiuddin Syam, PhD