



BRAWIJAYA UNIVERSITY

CERTIFICATE OF APPRECIATE

This is to certify that

IRA KUSUMANINGRUM

has participated as

PRESENTER

in ICOMERA 2018 (International Conference of Mechanical Engineering
Research and Application 2018) at Santika Premiere Hotel, Malang, Indonesia
from 23rd to the 25th of October 2018

ASSOC. PROF. AGUNG SUGENG WIDODO, Ph.D.
Chairman
ICOMERA 2018



ASSOC. PROF. DJAROT B. DARMADI Ph.D.
Head of
Mechanical Engineering Department

