





THIS CERTIFICATE AWARDED TO:

Nanik Astuti Rahman

For your participation as a PRESENTER in the 4th International Conference On Materials And Metallurgical Enginering And Technology (ICOMMET) 2020 "Optimization Of Mineral, Mining, and Material Resources For Economic Sustainability In Digital Transformation Era."

Surabaya, October 19th 2020

Chairman

Mas Irfan P. Hidayat, PhD