





032/ICP&AP/FIS-USU/IX/2019

This Certificate is Awarded to:

## Ravidho Ramadhan

AS A PRESENTER

## THE 1<sup>ST</sup> INTERNATIONAL CONFERENCE ON PHYSICS AND APPLIED PHYSICS

"Fundamental and Innovative Research for Improving Competitive Dignified Nation and Industrial Revolution 4.0" Held by Departement of Physics, Universitas Sumatera Utara, Indonesia (ICP & AP 2019)



Prof. Dr. Runtung Sitepu, S.H, M.Hum

Grandhika Setiabudi Hotel Medan 12<sup>th</sup> September 2019

al Sciences 1"ICP & Chairman

USU 201

Prof. Dr. Timbangen Sembiring, M.Sc

sta Sebayang, M.S.