



"TAQWA, MANDIRI, CENDEKIA"

MINISTRY OF RESEARCH, TECHNOLOGY AND HIGHER EDUCATION
UNIVERSITAS NEGERI YOGYAKARTA
GRADUATE SCHOOL



Certificate

Certificate No: 11021/UN34.17/TU/2018

This is to certify that
Andari Puji Astuti
has participated as a
Presenter

*in the 4th International Seminar on Science Education (ISSE) 2018
themed "Emphasizing Technological Pedagogical Content Knowledge (TPACK)
in Science Education For Supporting 21st Century Skills Standard"
Yogyakarta, 13th October 2018*

Chairperson

Dr. Heru Kuswanto, M.Si.
19611112 198702 1 001



Director

Prof. Dr. Marsigit, M.A.
19570719 198303 1 004



Committee

Dr. Insih Wilujeng, M.Pd.
19671202 199303 2 001