

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





This is to certify that

Purwanti Widhy Hastuti

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

Dr. Insin Wilujeng, M.Pd.

NTERNATIONAL SEMINAN
ON 19671202 199303 2 001