



UST

Certificate

This is to certify that

Andhita Dessy Wulansari

Participated in

**1st International Conference on Science & Technology for Internet of Things
"A New Round of IoT in Digitizing Science and Technology in the 4.0 era"**

as

PRESENTER

The Phoenix Hotel, Yogyakarta, Indonesia
October 20, 2018

Universitas Sarjanawiyata Tamansiswa
Rector,

Drs. H. Pwrdimin, Ph.D.

The Committee Chairperson

Dr. Siti Mariah, M.Pd.



Supported by:





1ST INTERNATIONAL CONFERENCE ON SCIENCE & TECHNOLOGY FOR INTERNET OF THINGS

"A New Round of IoT in Digitizing Science and Technology in the 4.0 era"

Faculty of Teacher Training and Education UST

PROGRAMME BOOK

Organizer and Scientific Cooperators:



Supported by:



Saturday, October 20th, 2018 | Yogyakarta, Indonesia, The Phoenix Hotel
Jl. Jend. Sudirman No. 9, Cokrodiningratan, Jetis, Kota Yogyakarta (Tugu Jogja)

FKIP UST 2018

Supported by:



Room D: General Education & Language		
Code	Title and Author	
ICSTI-	37	<i>Integrating Intercultural Values into the English Language Teaching for Senior High Schools: Yogyakarta Context</i> <i>Ragil Safitri, Sugirin</i>
ICSTI-	42	Identification of High School Student's Career Preference with the Logistics Model <i>Andhita Dessy Wulansari, Kumaidi, Samsul Hadi</i>
ICSTI-	44	The Development of Reproductive Health Learning Game to Improve Students' Gender Awareness <i>Iman Ahmad Ihsanuddin, Mulyoto, Asrowi</i>
ICSTI-	48	Statistic with Project-based Learning in Junior High School <i>Iyam Maryati, Sri Adi Widodo</i>
ICSTI-	49	The Development of Mathematics Curriculum to Increase the Higher Order Thinking Skills in the 21st Century <i>Yogi Anggraena, Ishak Abdulhak, Rusman</i>
ICSTI-	51	Developing Mathematics Teaching Materials based on Realistic Mathematics Education (RME): Triangle Topic for 7th grade of Junior High School <i>Ayu Kartika Sari, Candra Ditasona</i>
ICSTI-	52	The Experimentation of Self Development Training and Innovative Work Model for Office Administration Vocational High School Teachers in Central Java Province <i>Wiedy Murtini, Subroto Rapih, Hery Sawiji, Isti Styarni</i>
ICSTI-	53	Project-based Learning on SD 2 Practicum Education Eyes to Improve the Creativity of Media Making Innovative <i>Nur Ngazizah, Arum Ratnaningsih, Titi Anjanani, Rintis Rizkia Pangestika</i>
ICSTI-	57	Teaching Material Model of Reading Subject in the Form of Contextual Chinese Literary and Cultural Texts <i>Febi Nur Biduri, Yumna Rasyid, Emzir</i>
ICSTI-	60	Analysis of Traditional Technology as a Learning Source for Physics <i>Arif Maftukhin, Mundilarto</i>
ICSTI-	66	The Understanding of Friday Prayer Attendees (Mustamik) Towards Friday Sermon Discourse <i>Fahrurroji, Moh Rakhmat, Muhammad Shodiq</i>
ICSTI-	67	Writing Responses to Controversial Topic in ELT: A Case of High Order Thinking Skill Development in an Indonesian Vocational School <i>Z. W. Lestari, Y. Firmansyah, N. Noviantoro, Fajar Khoerul, Hendi Syahmadi</i>
ICSTI-	68	Class Dojo as Indonesian Language Learning Media at Senior High School <i>Hamdani, Agus Mulyanto, Yessy Hermawati, Hamdan Hidayat</i>
ICSTI-	72	Development of Characters and Entrepreneurship Through Gardening Activity in Social Science Learning <i>Ibdalsyah, Salati Asmahasanah, Maemunah Sa'diyah</i>
ICSTI-	73	Escalating Disabilities Students' English Speaking Skill Through Sociodrama Method <i>Cicik Nuraeni, Aloysius RanggaAditya Nalendra, Yanti Rosalinah</i>
ICSTI-	78	Supporting Activities for Critical Thinking Skills Development Based on Students' Perspective <i>Bambang Eko Susilo, Darhim, Sufyani Prabawanto</i>
ICSTI-	79	Analysis of the Geometric Understanding Ability of Middle School Students in Congruence Subject Based on the Level of Van Hiele Thinking <i>Reni Astuti, Didi Suryadi, Turmudi</i>
ICSTI-	80	Implementation of Scientific Approaches in Craft and Entrepreneurship Learning (Crafts, Engineering, Processing and Cultivation) <i>Amir Fatah, Dinn Wahyudin, Rusman</i>
ICSTI-	83	The Characteristic of Islamic Religion and Character Education Test Using Rasch Model

ICSTI-41

Susanne K Langer Virtual Space Concept on Wayang Ukur Panakawan

1st Mohamad Yudisa Putrajip¹, 2nd Trie Hartiti Retnowati²
{yudisaputrajip@gmail.com¹, tri_hartiti@yahoo.com²}

Universitas Islam Nusantara, Indonesia^{1,2,3}

Abstract. Panakawan shadow puppet play is the reflection of Javanese philosophy of life. Panakawan figures are also a form of reflection that is dynamic and also contains a moral of life. In 1964 Sigit Sukasman made Panakawan wayang ukur using a realistic measure of size. Sukasman analyzes the forms based on the analysis and making comparisons of the human body. Wayang measured, Sukasman's creation is an extraordinary within Susanne's symbolic virtual space concept. K. Langer.

Keywords: wayang ukur, shadow puppets virtual space, langer

ICSTI-42

Identification of High School Student's Career Preference with the Logistics Model

1st Andhita Dessy Wulansari^{1,2}, 3rd Kumaidi³, 4th Samsul Hadi⁴
{andhita.dessy2015@student.uny.ac.id¹, andhita@iainponorogo.ac.id², kum231@ums.ac.id³, samsul_hd@uny.ac.id⁴}

Universitas Negeri Yogyakarta, Indonesia^{1,4}, IAIN Ponorogo, Indonesia², Universitas Muhammadiyah Surakarta, Indonesia³

Abstract. The aim of education is to develop students' potential according to their interests and talents. Students' potential and talent need to be detected early so that schools can direct students to choose majors in the university or higher education and eventually select careers that suit their interests and talents. Holland's Personality Theory is the most frequently used theory to study the phenomenon of career preference. The focus of this research is to analyze the career preference of high school students based on Holland's Personality Type. For the analysis, the researchers applied multinomial logistic regression analysis with consideration to the nominal data scale of Holland students' personality types, namely realistic, investigative, artistic, social, enterprising, and conventional. Based on the results of the analysis, it can be concluded that majority of the students have enterprising and artistic personality types. Further, the factors that significantly influence the differences in Holland's Personality Type are the student's major in high school, gender, parents' educational background, parents' income, and parents' occupation.

Keywords: interest, career, holland, personality, logistics