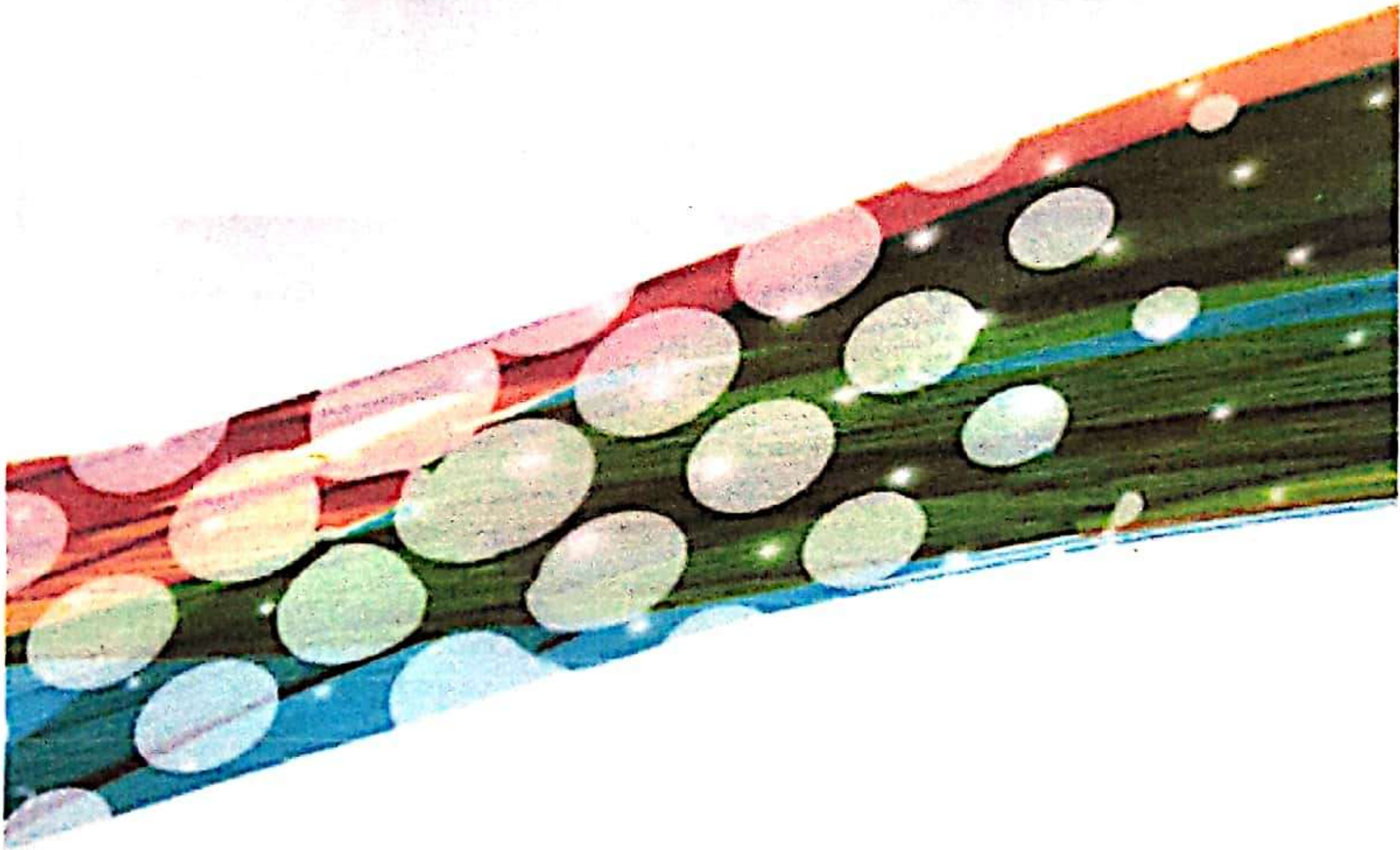




BOOK OF ABSTRACTS
**The 2nd International Conference on Industrial
Technology for Sustainable Development**



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PROGRAM SCHEDULE

Day Ist: Thursday, August 22 nd 2019				
07.00 - 08.00	Registration			
08.00 - 09.45	<p>Opening Ceremony</p> <ol style="list-style-type: none"> Opening by MC Al-Qur'an Recitation The National Anthem of Indonesia Opening Prayer of International Conference Opening Remarks: <ul style="list-style-type: none"> Chairperson of International Conference - Dr. Ir. Lamatinulu, ST., MT., IPM., AER Officially open the International Conference - Rector of Universitas Muslim Indonesia Keynote Speech <ul style="list-style-type: none"> University Savoie Mont Blanc, France - Prof. Herve Boileau Kyushu University, Japan - Assoc. Prof. Gerard B. Remijn Universiti Sains Malaysia - Major Ts. Dr. Mohd Hazizan Bin Mohd Hashim Chiang Mai Rajabhat University, Thailand - Dr. Worajit Settaphun Universitas Muslim Indonesia - Ir. Hj. Setyawati Yani, ST., MT., Ph.D., IPM., AER 			
09.45 - 10.30	Coffee Break			
10.30-11.00	Preparation for Parallel Session Presentation			
1st Session Parallel Presentation				
<i>Room</i>	Jasper	Sapphire	Emerald	Topaz
<i>Session Chair</i>	Dr.Eng. Irma Nur Afiah	Dr. Wiratni Budhijanto	Dr. Muthia Elma	Prof. Syahrudin Nawi
<i>PIC</i>	M. Ikhwan Nur Safutra	Muh. Arman	Rafdi Abd. Majid	M. Hardin Wakila
11.00-11.07	Analysis of The Effect of Work Activities and Lift Loads on Musculoskeletal Weakness in Factory Workers (Study Case, CV. Harapan Makmur)	Potential of Alkaloids Compound of Mangrove Perepat (Sonnerata Alba) Root Ethanol Fraction as A Natural Antibiotics Source	ZSM-5 zeolite from siliceous palm oil battom ash under hydrothermal condition with varing aging time	Analysis of the Treatment of Leaf Extract of Crown Flower Plant (Calotropis gigantea) on the Mortality of Aedes aegypti Larvae
	(Sri Rahayn, Mubammad Dahlan, Ahmad Padbil)	(Machyawati Latief, Mubainin, Hilda Amanda, Indra Lasmana Farigan)	(Lenny Marlinda, Hori Wiki Utama, Wahyudi Zabar, Edvin Permana, Rabmi, Nur Wahyu Wulandari)	(A. Rizki Amelia A, Haeruddin, Rizky Ramadhanty)

ANALYSIS OF THE EYE FATIGUE SUBJECTIVE COMPLAINTS ON AIRNAV AIR TRAFFIC CONTROLLER WORKERS BRANCH PERUM LPPNPI MAKASSAR

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ABSTRACT. Eye fatigue is a complaint of eye health problems due to excessive use of eye muscles. In the world of work, interaction between humans, work tools, and work environment can not be avoided. The interactions often lead to workplace accidents or occupational diseases. The purpose of this research is to know the risk factor that have related to eye fatigue on Air Traffic Controller (ATC) workers at AirNav subdivision MATSC. The study design of this research was observational with cross sectional approach. Population in this research was all Radar Controller workers and the sample was chosen by total sampling method that was 46 workers. Data collection techniques were obtained by literature study, observation, measurement, and questionnaire with univariate and bivariate data analysis. The results showed that there were three variables related to eye fatigue are screen contrast ($p = 0,001$), lighting ($p = 0,006$), and temperature ($p = 0,009$), and two variables that were not related to eye fatigue are age variable ($p = 0,680$) and length of service ($p = 1,000$).

Keywords: Subjective Complaint, Eye Fatigue, Related Factor, Air Traffic Controller, Radar Controller