



# ISMEVD 2019

International  
 Scientific Meeting on  
 Engineering and Its  
 Vocational Education

Politeknik ATI Makassar  
 mengundang  
 Bapak/Ibu/Saudara untuk  
 berpartisipasi dalam  
 International Scientific  
 Meeting on Engineering  
 and Its Vocational  
 Education (ISMEVD 2019)  
 dengan tema "Enhancing  
 Material and Engineering  
 Process to Support Industry

**ISMEVD 2019**  
 The 1<sup>st</sup> International Scientific Meeting  
 on Engineering and Its Vocational  
 Education 2019. Makassar, Indonesia.

ISMEVD 2019 promotes Enhancing Material and Engineering Process to Support Industry 4.0 as the main theme in this year. This is to respond to the increasingly intense research in the field of Materials and Engineering both in terms of its basic science and in terms of its processes that can encourage and sustain industries in the current era 4.0. It is held by Politeknik ATI Makassar, as one of State Politeknik under industrial Ministry of Indonesia. The conference theme for ISMEVD 2019 is:

**"Enhancing Material and Engineering Process to Support Industry 4.0"**

We welcome papers submission of original in the following topics, but not limited to:

**MATERIALS**  
 Structural Materials, Functional Materials, Material Chemistry, Material Physics, Energy and Environment Materials, Composite Materials and Engineering, Electronic Materials and Components, Nanoscale and Amorphous Materials, Materials Processing, High Performance Structural Materials, Materials Processing Technology, Physics and Numerical Simulation of Materials Process, Tooling Testing and Evaluation of Materials, Material Processing and Control Engineering, Metal Material Engineering, Materials Synthesis and Preparation, Material Design, Material Surface and Interface, Corrosion and Protection of Engineering Materials, Industrial Materials and Manufacturing, Building Materials and Civil Engineering, Biomaterials and Biomedical Materials, Engineering Materials, Materials Forming, Materials Machining, Advanced Lubrication and Sealing Materials, Microwave Processing and Materials.

**ENGINEERING**  
 New Products & Service Innovation, Human Factors Engineering, CAD/CAM/CAE Integration Technology, Green Design, Engineering Management, Manufacturing & Production Processes, Electronics & Control System, Quality & Reliability Engineering, Logistics & Supply Chain Engineering, Green Manufacturing, Food Processing Technology, Power Systems & Energy Engineering, Applied Technology for Sustainable Development in Energy, Bioenergy, Environmental Science & Technology, Information & Communication Technology, Multimedia, Big Data Analysis & Information Retrieval, Artificial Intelligence, E-Business, Internet of Things, Cryptography and Security.

**Keynote Speaker:**

 Prof. Dr. Wong Kuan Yew  
 Universiti Kebangsaan Malaysia

 Prof. Dr. Isa Selimah Toha, M.Sc.  
 Sabaronek University, Indonesia

All papers that have been reviewed will be published in a proceeding indexed by SCOPUS

For Paper Submissions and Other Guidelines, Visit:  
[ismevd.atim.ac.id](http://ismevd.atim.ac.id)

Contact Person (HP/WA):  
 0815 2700 1124 Merla  
 0852 5579 9459 Velahyati

**Important Dates:**  
 Abstract Submission: 20 July 2019  
 Notification of Abstract: 27 July 2019  
 Full Paper Submission: 30 Aug 2019  
 Review: 17 Sept 2019  
 Camera Ready: 16 Oct 2019  
 Early Bird Registration Deadline: 27 Sept 2019  
 Normal Registration Deadline: 28 Oct 2019  
**Conference Date & Venue:**  
 31 Oct 2019  
 Jasmine Hall, Claro Hotel  
 Makassar, Indonesia

**Registration:**

<b>Early Bird (Before Sept 27<sup>th</sup> 2019):</b>		<b>Additional Paper</b>
Local Participant (IDR)	: 2.250.000	
International Participant (USD)	: 225	Local (IDR): 1.250.000
<b>Normal (Until Oct 25<sup>th</sup> 2019):</b>		International (USD)
Local Participant (IDR)	: 2.500.000	100
International Participant (USD)	: 250	

\*10% discount for student (Student Card will be needed)

<b>Non Presenter</b>	<b>Early Bird (Before Sept 27<sup>th</sup> 2019):</b>	<b>Normal (Until Oct 25<sup>th</sup> 2019):</b>
	Student: 1.500.000 General: 1.700.000	Student: 1.700.000 General: 1.900.000

4.0".


Konferensi ISMEDV bekerja sama dengan IOP Conference Series: Materials Science and Engineering (MSE). Paper yang diterima dan lolos review akan dipublikasikan pada prosiding yang terindeks SCOPUS.

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## PREFACE OF ISMEVD 2019

Research and Community Service Unit Politeknik ATI Makassar is proud to present The 2019 International Scientific Meeting on Engineering and Its Vocational Education (ISMEVD) 2019 held on 31 October 2019. The event was also attended by Director of Politeknik ATI Makassar Ir. Amrin Rapi, ST., MT., Assistant Director I Windi Mudriadi, ST., MT., Assistant Director II Herlina Rahim, ST., M.Sc., and Assistant Director III Ir. Muhammad Basri, MM. This event was also attended by Head of Research and Service Unit, Merla Madjid, SS., M.Hum., Head of Professional Certification Unit Dr. Sariwahyuni, SP. M.Sc., Head of Teaching Factory Dr. Eng. Abdul Nasser Arifin, ST., M. Eng., Head of Business Incubator Widya Hastuti A., S.Si.T., MM., Ph.D., Head of Internal Quality Assurance Unit Drs. Haruddin. MM, as well as the academic community, lecturers, and researchers from polytechnic, other Ministry of Industry work units, and more than 100 participants and seminar invitations. The event was opened by the master ceremony and continued with the report of the committee chairman Dr. Eng. Abdul Nasser Arifin, ST., Men, followed by welcome and introduction for invited participants, guest speakers, and seminar participants from the Director of Polytechnics ATI, Ir. Amrin Rapi, MT. Dr.Ir. H. Masjono, M. Eng., Head of Quality Assurance and the moderator of the event, then gave insights on the theme of this seminar. The main event of the seminar was speeches from guest speakers. The first speaker was Prof. Dr. Isa Setiyasah Toha, M.Sc., who has gladly accepted the committee's invitation to become one of the main speakers at this seminar. He is a Professor of ITB Industrial Engineering and currently serves as Director of Politeknik Industri Logam Morowali and an academic senate member of Institut Teknologi Nasional Bandung. Currently, he is also an editor/reviewer in the ITENAS journal, ITS technology journal, Gema Teknik UNS, and ITB industry engineering and management journal. In his speech, he emphasized the role of a polytechnic in process technology. He discussed how to increase the role of engineering technology education in polytechnics, especially in the field of process technology, materials, and process engineering technology. After the tea break, the event continued with the second guest speaker, Prof. Kuan Yew Wong. He is a professor of Industrial Engineering and leads the Industrial and Systems Engineering Research Group at the Faculty of Engineering, Universiti Teknologi Malaysia (UTM), and working in close collaboration with industries and other stakeholders to develop and implement solutions for operational improvement. Prof. Wong discusses his research on the development of an integrated sustainability assessment method for the food manufacturing industry.

All the expert talks were quite engaging, and knowledge filled. The participants were actively involved and appreciative of the quality of the expert sessions delivered.

Merla Madjid, SS. M.Hum  
Chair - ISMEVD 2019  
Department of Agro-Industry Manufacturing Engineering  
UPPM Politeknik ATI Makassar, Indonesia



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