

Call For Papers

Risk Engineering is a term associated with identifying and measuring risk to the extent that it is useful to do so, and developing the insight to change associated risks through effective and efficient decisions. It has been applied in many contexts, and the principles are relevant to a wide variety of decisions. In this conference, Risk Engineering will be applied in the context of industry 4.0 for protecting and creating value in the field of industry and system engineering, such as manufacturing system, quality system, product desain and innovation, human factor and ergonomics, logistics and supply chain, and so on.

Industry 4.0 is a comparatively new method of managing production processes. In the area of risk management, as a result of new approaches, modified frameworks, more complex IT infrastructure and so on, new types of risks may occur. In many cases, the implementation of Industry 4.0 has shown that the connections between humans, systems and objects have become a more complex, dynamic and real-time optimized network. On the other hand, there is the fact of data volume and availability enhancement in real time. The potential topics to be presented and discussed include a combination of the selected scopes of risk management and related fields, and focus areas as following but not limited to:

Big Data and Analytics
Risk Engineering
Decision Analysis and Methods
E-Business and E-Commerce
Engineering Economy and Cost Analysis
Healthcare Systems
Human factors and Ergonomics
Information Processing and Engineering
Intelligent Systems
Logistic, Supply Chain and Agro-supply Chain
Manufacturing Systems
Operations Research
Product Design and Innovation
Production Planning and Control
Project Analysis and Control
Quality Control System
Reliability and Maintenance Engineering
Safety, Security and Risk Engineering
Service Innovation
Systems Modeling and Simulation
Technology and Knowledge Engineering

*Manuscripts, prepared according to the author guidelines, should be submitted to:
<https://easychair.org/conferences/?conf=acise2019>

Important Dates

- First deadline of paper submission
November 24, 2018
- First notification of paper accepted
December 28, 2018
- Second deadline of paper submission
January 26, 2019
- Second notification of paper accepted
February 23, 2019
- Deadline for camera ready paper
March 23, 2019

The Proceeding of this Conference will be Indexed by SCOPUS

Registration Fees

	Author		Non author participant	
	Domestic (Rp)	International (USD)	Domestic (Rp)	International (USD)
Early bird	3.200.000	420	1.500.000	150
Regular	3.500.000	450	2.000.000	200
Student	2.500.000	350	1.000.000	150
Additional paper*	1.000.000	70	-	-

*Additional fee for author with 2 scientific articles

Early bird payment deadline: 11th January 2019
Regular payment deadline: 21st April 2019



Joint Conference
Annual Conference on
Industrial and System Engineering
and
International Conference on Risk Management
as an Interdisciplinary Approach

April 23 - April 25, 2019



Gumaya Tower Hotel
Gajah Mada Street 59-61, Kembangsari,
Semarang Tengah, Kota Semarang,
Jawa Tengah 50134



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Conference Schedule

Tuesday, April 23, 2019

Registration, Welcoming Speech, Keynote speech & Opening Ceremony, Plenary Session, Paper Presentation, Gala Dinner

Wednesday, April 24, 2019

Workshop on Risk Management, Plenary Session, Paper Presentation, Closing Ceremony

Thursday, April 25, 2019

City Tour (Karimun Jawa)*

*Will be held if participants are interested (Price not Included)



Keynote Speaker



Prof. H. Mohamad Nasir, Ph.D., Ak.
Ministry of Research, Technology and
Higher Education

Conference Speakers



Prof. Dr. Ir. Bambang Prasetya, MSc
Head of National Standardization Agency of
Republic of Indonesia (BSN)

Prof. Chuang-Chun Chiou, Ph. D.
Industrial Engineering and Enterprise
Information Department Tunghai University, Taiwan



Prof. Hui-Ming Wee
Department of Industrial and Systems Engineering
Chung Yuan Christian University
(CYCU), Taiwan

Prof. Dr. Ir. Sha'ri M. Yusof
RAZAK School of Engineering
and Advanced Technology,
University of Technology, Malaysia



Prof. Benny Tjahjono
Professor of Supply Chain Management,
Sustainable Production and Consumption Centre
Coventry University, UK

Dr. Antonius Alijoyo, SE, MM, ERCMP, CERG
Chariman of Indonesia Risk Management
Professional Association (IRMAPA)



Dr. I-Jan Wang
Industrial Engineering and Enterprise
Information Department Tunghai University, Taiwan

Advisory Committee:

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Diponegoro University, Semarang, Indonesia

Head of Industrial Engineering Department, Faculty of Engineering
Diponegoro University, Indonesia

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