



3rd TALENTA CEST

28-29
SEPT
2020

Online Conference

*"Innovation for Sustainability Transitions
in Industry and Community"*

KEYNOTE SPEAKERS



Prof. Dr. Ir. Mohd. Hamdi Bin
Abd Shukor
Universiti Kebangsaan Malaysia



Prof. Dr. Ir. Nukman Bin Yusoff
University of Malaya



Assoc. Prof. Dr. Nabil Hayeemasae
Prince of Songkla University



Ir. Seri Maulina, M.Si, Ph.D
Universitas Sumatera Utara



Dr. Ir. Meilita Tryana Sembiring, MT
Universitas Sumatera Utara

IMPORTANT DATES

- o Full Paper Submission *Period I* : June 8th 2020 - July 17th, 2020
- o Notification of Accepted Paper : July 20th, 2020
- o Full Paper Submission *Period II* : July 20th 2020 - August 28th, 2020
- o Notification of Accepted Paper : August 31st, 2020
- o Camera Ready Submission : September 14th, 2020
- o Conference Date : September 28-29th, 2020

REGISTRATION FEE

NEW !!!

Indonesia Participants :

- Student : IDR 2,000,003,-
- Non Student : IDR 2,500,003,- (For the first paper)
- Additional Paper : IDR 1,500,003,- (For Student and Non Student)

International Participants :

- Student : USD 250
- Researchers/others : USD 300
- Additional Paper : USD 225

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Non Presenter : IDR 500,003,-

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The conference covers the following topics but not limited to:

- Sustainable Industrial Management and Development**
Operation Research, Quality Engineering Economics, Facility and Manufacturing Layout, Design for Sustainability, Green Productivity, Ergonomic, Operation research, facility and manufacturing layout design, Engineering Economic, Production Planning and Controlling
- Sustainable Construction Industry**
Sustainable Construction Materials, Structural & Construction Engineering, Concrete Engineering, Geotechnical Engineering, Hydraulics, Hydrology and Water Engineering, Transportation Engineering, Project Management, Construction Project Management and Safety, Sustainable Building, Heritage and Built Environment
- Sustainable Technologies:**
Energy Technologies, Energy Production and Management, Energy Recovery, Biofuels, Hydrogen and Fuel Cells, Mechanical Design and Manufacturing, Heating and Cooling Applications, Maintenance of Mechanical Systems, Power Generation Distribution and Management
- Cleaner Production**
Environmental Management, Waste Management, Circular Economic, Sustainable Manufacturing, Reverse Logistics, Sustainable Supply Chain, Sustainable Agriculture, Sustainable Assessment

1st TALENTA CEST 2017
<https://iopscience.iop.org/issue/1757-899X/309/1>

2nd TALENTA CEST 2019
<https://iopscience.iop.org/issue/1757-899X/801/1>

- Sustainable Energy**
Carbon Policy, Climate Change, Green House Gasses, Mitigation Actions, Feed-in-Tariff (FIT) Mechanism, Energy Planning, Energy Regulation
- Biomaterial**
Polymer, Biomechanics, Fracture Mechanics, Fatigue, Creep, Building Technology, Nano Technology, Biopolymer, Tissue Engineering
- Computational for Sustainability**
Simulation, Optimization, Trade-off for Sustainability Computational Methods for Energy, Applied Mechanics and Environmental Modeling
- Information, Communcation and Technology for Sustainability**
Power Electronics, Computer and Communication Support for Energy system, Smart System, Big Data, Artificial Intelligence
- Industrial Disruption due to Disaster and Pandemic**
Mitigation Planning, Disaster and Risk Management, Human and Society

PROCEEDING PUBLISHED IN :

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Materials Science and Engineering

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