R10 Humanitarian Technology Conference

Advancing Sustainable Green Technologies for Humanities

November 12\textsuperscript{nd} - 14\textsuperscript{th}, 2019

Felfest Universitas Indonesia

https://r10htc2019.org/

IEEE Indonesia Section
Conference Schedule

01  Paper submission date:
    2 Apr – 31 July

02  Special session submission date:
    1 Aug – 20 Aug

03  Invitation for Exhibition/ Sponsorship:
    2 Feb – 26 Oct

04  Final paper submission date:
    6 Sept – 20 Sept

05  Registration date:
    30 Aug – 17 Oct
Activities

- Main Conference
- Engineering Festival for Humanity: Project Competition and Workshop
- Technical Tutorial Track
- R10 Track Session
  - Industrial Relation Track Session
  - WIE Track Session
  - TISP Track Session
  - Workshop on Conference Management
- Professional Activity Mini Conference
Participants Statistics

Number of Participants

- Main Conference
- Tutorial Track
- Engineering Festival for Humanity
- TISP Track
- WIE Track
- Industrial Relation Track
# Conference Organizing Committee

<table>
<thead>
<tr>
<th>Role</th>
<th>Name</th>
<th>Affiliation</th>
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</thead>
<tbody>
<tr>
<td>Conference Chair</td>
<td>Basari</td>
<td>Universitas Indonesia</td>
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<tr>
<td>Conference Vice Chair</td>
<td>Ucuk Darusalam</td>
<td>Universitas Nasional, Indonesia</td>
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<tr>
<td>Conference Secretary</td>
<td>Faiz Husnayain</td>
<td>Universitas Indonesia</td>
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<td></td>
<td>Muhammad Salehuddin</td>
<td>Universitas Multimedia Nusantara</td>
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<tr>
<td>Finance Chair</td>
<td>Ajib Setyo Arifin</td>
<td>Universitas Indonesia</td>
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<tr>
<td>TPC Chair</td>
<td>Nur Afny C. Andryani</td>
<td>Tanri Abeng University</td>
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# Conference Organizing Committee

<table>
<thead>
<tr>
<th>Role</th>
<th>Name and Affiliation</th>
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<tbody>
<tr>
<td>Publicity Chair</td>
<td>Ruki Har wahyu/ Universitas Indonesia</td>
</tr>
<tr>
<td>Exhibition and Patronage Chair</td>
<td>Indra Riyanto/ Universitas Budi Luhur</td>
</tr>
<tr>
<td>External Relationships Chair</td>
<td>Kurnianingsih/ Semarang State Polytechnic</td>
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<tr>
<td>Tutorial Chair</td>
<td>Filbert H. Juwono/ Curtin University Malaysia</td>
</tr>
<tr>
<td>Competition Chair</td>
<td>Muhammad Suryanegara/ Universitas Indonesia</td>
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Keynote Speakers

Prof. Hideyuki TAKAGI
Full professor in Faculty of Design, Kyushu University, Japan
Humanized Technologies: It’s not just about performance

Satish Babu
senior IT and Development professional and IEEE HAC Committee
Towards Sustainable and Ethical Technologies for Humanitarian Applications

Prof. Dr.Eng. Wisnu Jatmiko
Full professor in Faculty of Computer Science, Universitas Indonesia, Indonesia
Smart Tele-Health System to Enhance Healthcare Service in Indonesia
Technical Session

Green Communications
Prof. Dr. Mohamad Yusoff bin Alias
Electrical Engineering Department,
Multimedia University, Malaysia

Video Analytics for Surveillance IoT Applications
Assoc. Prof. Dr. Supavadee Aramvith
Department of Electrical Engineering
Chulalongkorn University, Thailand

IoT for Agriculture Urban Lifestyle Farming:
A Future Trend of Agriculture in Urban Areas
Dr Sri Wahjuni & Dr Karlisa Priandana
Computer Science, IPB Indonesia

Imaging for Life Science
Hermawan Nugroho., PhD
Electrical Engineering Department, Nottingham University
Special Sessions Engineering Festival for Humanity
Networking, Sharing and Inspiring

Prof. Dr. Shaikh Fattah (IEEE Bangladesh)*
“Idea, Insight and commitment to run Humanitarian Technology Activity”

Assoc. Prof. Dr. Supavadee Aramvith (HAC IEEE)
“IEEE commitment to support Humanitarian Technology Activity”

Dr. dr. Yoke Saadia Irawan MT (ITB, Indonesia)
“Success story of Humanitarian Technology Activity in Indonesia”

Assoc. Prof. Dr. Jing Dong (R10 HAC Coordinator), 
“Make your global impact from IEEE Humanitarian Technology Activity”
Special Sessions
Women In Engineering
Collaborative Social Project for Women Empowerment

Takako HASHIMOTO
PhD

Emi Yano

Prof. Celia Shahnaz

cut noisy keumala fajri

Prof Riri Fitri Sari
Special Sessions
Teacher in Service Program
Advancing Sustainable Green Technologies for Humanities

Prof. Emeritus Lance C.C Fung
Iwan Kustiawan.PhD
Special Sessions

Special Industrial Track Forum
“Innovation for Creating A Smart Future”

Faris Rahman
Chief Technology Officer Nodeflux

Mr. Agus Budi Raharjo,
CEO SmartConnect. PT Ambhara Duta Shanti

Nonot Harsono
Board of BAKTI, Ministry of Communication and Information

Setiaji
Head of Department of Communication and Informatics, West Java Province
Special Sessions
Workshop on Conference Management

WELCOME REMARKS
Prof. Akinori Nishihara
IEEE Region 10 Director
Speech: IEEE at Glance

Prof. Wisnu Jatmiko
IEEE Indonesia Section Chair

SPEAKERS
Prof. Lance Fung
Past Chair of Conference Quality Committee & Technical Program Integrity Committee, IEEE Conference Committee
Talk: Conference Quality Matters

Dr. Michael Ong
IEEE Region 10 Conference & Technical Seminar Committee Chair
Talk: Running an IEEE Conference
Special Sessions
Professional Activity Mini Conference IEEE Indonesia Section

WELCOME REMARKS

Prof. Wisnu Jatmiko
IEEE Indonesia Section Chair

PROTOCOL DEMO

Chairul Hudaya, Ph.D.
IEEE Indonesia Section
Professional Activity Coordinator
Demo: Smart City Universitas Indonesia

SPEAKERS

Prof. Akinori Nishihara
IEEE Region 10 Director
Talk: Professional Career Enhancement as Academician

Prof. Takako Hashimoto
IEEE Region 10 Secretary & Vice President of Chiba University of Commerce
Talk: Women in Professional Career Development

Prof. Nirmal Nair
IEEE Region 10 Professional Activities Committee Chair

Prof. Dr.-Ing. Kalamullah Ramli
Former Director General of Post and Information Technology Implementation, Ministry of Communication and Information Technology of the Republic of Indonesia
Talk: Required Government Policies in The Industrial Revolution 4.0 Era

Kuncoro Wastuwibowo, M.Sc., MIET
Portfolio & Synergy Product Leader, Telkom Indonesia
Tutorial: Smart City
Registrant Category

- IEEE Members
- non-IEEE Members
- IEEE Student Members
Conference Paper Statistics

- Total number of Paper Submission: 78
- Total number of Accepted Papers: 54
- Acceptance rate: 69.2%
- Final Presented Papers: 54
- Total number of Registered Participants: 92
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<tr>
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<th>Authors</th>
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