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EDITORIAL

From Chair Desk

Welcome to the IEEE Indonesia Section Bulletin!

As the new Chair of IEEE Indonesia Section, I would first like to thank IEEE IS members who have supported our team throughout the election process. We would like to use this Newsletter as a platform for our community to share our upcoming events and programs related to IEEE IS. This platform is also used for appreciating our members who have worked hard and contributed to the advancement of IEEE IS.

I would also like to use this short letter to thank the previous management of IEEE IS that has contributed greatly to the progress of IEEE IS. The management of the previous IEEE IS will always be a motivation for us to continue to improve IEEE IS. The hope is that our management in 2019 can continue and develop the best programs for the progress of IEEE IS. We will also focus on developing new programs to reach rural areas far from the center (especially East Indonesia and Central Indonesia). This can be achieved by implementing measures such as building strong cooperation with communities, industry, government and engineering and engineering technology. In addition, we would also like to improve the quality of our conferences and publications, increase the number of IEEE IS memberships, and reignite inactive Student Branches and Chapters.

Finally, This Newsletter cannot be completed without the hard work of members of IEEE IS. For this reason, I would like to personally thank the members who have contributed to the completion of this Newsletter. We hope that IEEE IS will always benefit academics and professionals, both for our country and internationally

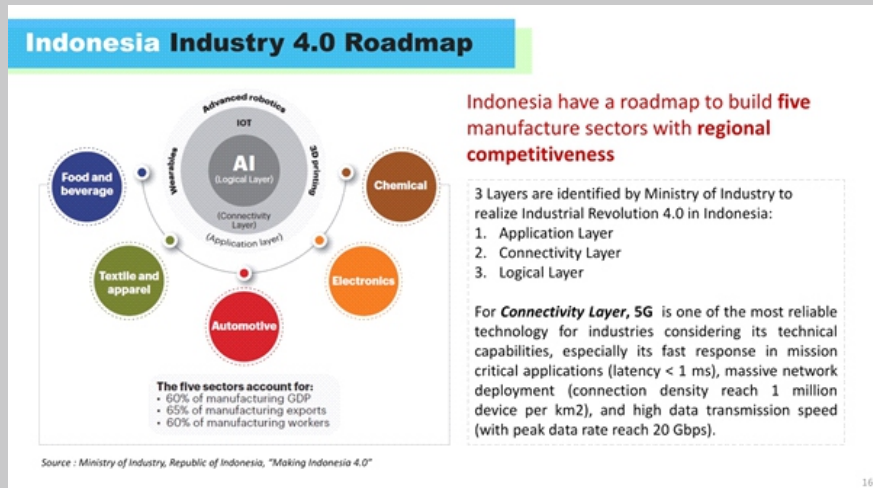
Chair,

Prof. Dr. Eng. Wisnu Jatmiko, S.T, M.Kom

TECH REVIEW

Shaping the Future of Digital Society
in A Fast Changing World

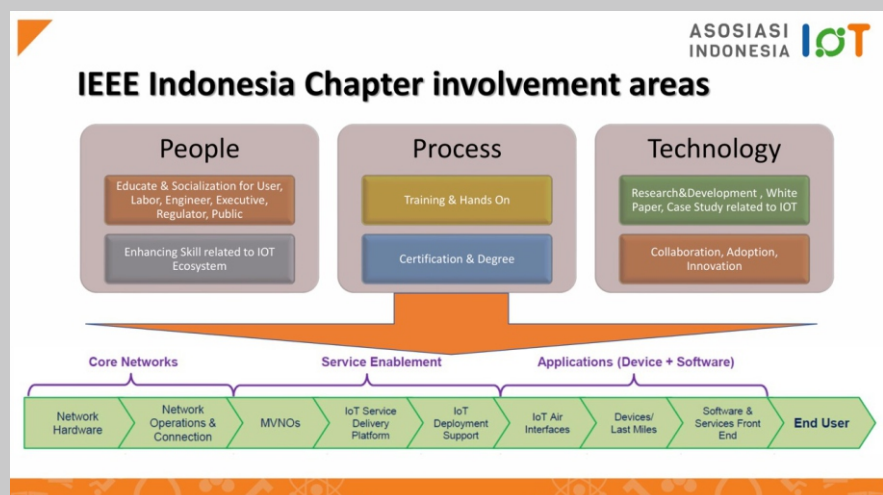
DENNY SETIAWAN



KUNCORO WASTUWIBOWO



TEGUH PRASETYA



Indonesia Section Chairmanship Handing-over 2019



Chairmanship Handing Over



Indonesia Section Report 2017-2018
by Prof. Dr. Fitri Yuli Zulkifli, S.T., M.Sc

IEEE Indonesia Section Chairmanship handing-over, Meeting, and Member Gathering, was held on Saturday, 30 March 2019 at Theater Room, Budi Luhur University, Jakarta. The meeting started with an opening speech by IEEE Indonesia Section Chairmanship Handing Over & Member Gathering PIC, Mr. Indra Riyanto, which is followed by an Opening Remark from the Rector of Universitas Budi Luhur. A panel discussion that involves the Quadruple Helix (Industry, Government, Community, and University) was conducted with the theme: Shaping the Future of Digital Society in A Fast Changing World. There were four speakers present from various backgrounds:

1. Kuncoro Wastuwibowo, Assistant Vice President, Industry Synergy, Telkom Indonesia
2. Dr. Denny Setiawan, Direktur Penataan, DitJen SDPPI, Kementerian Kominfo
3. Teguh Prasetyo, MasTel and Ketua Asosiasi IoT Indonesia
4. Dr.Eng. Khoirul Anwar, Telkom University.

Furthermore Prof. Dr. Fitri Yuli Zulkifli, S.T., M.Sc as the IEEE Indonesia Section Chair presented the Indonesia Section Report 2017-2018 and followed by Affinity Group Reports: Women In Engineering and Young Professionals. Afterwards, each Chapter and Joint Chapter presented their own Report for 2017-2018. The Chapters that presented their report include Circuits and Systems, Engineering in Medicine and Biology, Solid State Circuits Society, Microwave Theory / Antennas & Propagation, AES & GRSS, Control System / Robotics & Automation Society, Education Society, Electron Devices Society, Power Electronics Society, Signal Processing Society, Social Implication of Technology (SSIT, Computer Society, Communication Society, Power and Energy Society, awards and recognition to volunteers

in Indonesia Section who have contributed to the Section were also given shortly after the report. Finally, the Chairmanship Handing Over, was led by 2019 Election Committee Chair Dr. Arifin Nugroho was conducted. The chairmanship was handed from Prof. Dr. Fitri Yuli Zulkifli, S.T., M.Sc. to Prof Dr.Eng. Wisnu Jatmiko. The event concluded with main with the speech of the new IEEE Indonesia Section Chair 2019, Door Prize, and Photo Session. Below is the documentation.



The Panel Discussion



Photo Session

WORKSHOP ON CONFERENCE MANAGEMENT



As usual, IEEE Communication Society Indonesia Chapter has always held a technical activity, workshop on conference management in the past few years. The workshop on conference management aims to improve the quality of management conferences, especially International Conferences. This workshop was held at Telkom University, Bandung on Friday, April 26, 2019 at 08.00 until 20.10 WIB.

The workshop on conference management begins with Opening Remarks by the Committee of IEEE Indonesia Section. After that, this workshop is guided by 4 speakers. The first speaker is Dr. Eng Khairul Anwar, S.T., M.Eng. who provided material on Challenges on 5G Implementation and Applications in Indonesia. The second speaker is Dr. Muhammad Ary Murti with the topic "All in IoT Applications and Deployments" and then continued with discussions and photo sessions before lunch break.

This workshop was continued by the third speaker with the topic "IEEE at Glance - IEEE Conference Standards & The Latest Update" given by Dr. Kurnianingsih. The last speaker was Prof. Wisnu Jatmiko, and this session is explained about "Conference Quality Matters". After all the workshop material was given by the four speakers, the workshop was closed with a review & discussion with Prof. Wisnu Jatmiko and Dr. Kurnianingsih.

As the Organizer of the workshop on conference management, The IEEE Indonesia Section and IEEE Indonesian Communication Society Chapter, expressed their deepest gratitude for your support and participation, see you on the next technical activity and workshop.



IEEE SIGHT Activity



IEEE SIGHT, in cooperation with the Biomedical Engineering Research Group of Institut Teknologi Bandung and the Indonesian eHealth and Telemedicine Society (leHTS) participated in the RAKERKESDA (Working Meeting on Regional Health) Jabar exhibition in Cirebon on 28 March 2019, where we displayed technology integrated board games for mother and child health education. This was followed up with a workshop involving 60 community health workers from 30 community health centers in Surabaya, where we conducted a training session on the implementation of these educational games. The games were a follow up of the IEEE Sahabat Bundaku project, and is now a cooperation with BME ITB and leHTS, with the support of Grand Challenges Canada and The Bill and Melinda Gates Foundation for different parts of a program to improve mother and child health in Indonesia.



In the second photo, it can be seen the atmosphere of the workshop at the Public Health Office Surabaya, followed by 30 health centers & 60 participants for the nutrition and immunization program, March 29, 2019.

CALL FOR PAPERS

The 3rd IEEE International Conference on
Signals and Systems 2019 (ICSigSys 2019)



July 16–18, 2019
Bandung, Indonesia

RELATED TOPICS

Track #1 : Signal Processing For Communications

Communications, Wireless Sensor Networks, Multimedia
Communications, MIMO
Next Generation Wireless Communications (5G), Internet
of Things (IoT),
Big Data, Array Signal Processing

Track #2 : Signal Processing For Instrumentations, Measurements and Automations

Radar, Sonar and Remote Sensing
Computer Vision, Biomedics
Robotics, Industrial Instrumentations Controls System

Track #3 : Signal Processing Methods and Systems

Audio/Speech Processing and Systems
Video/Image Processing and Systems
Adaptive Signal Processing and Systems
Statistical Signal Processing (Detection, Estimation and
Prediction for Signals and Systems)"
Security and Forensics
Design and Implementations of Signal Processing
Systems (Embedded Systems, DSP, ASIC, VLSI, and
FPGA)"

PAPER SUBMISSION

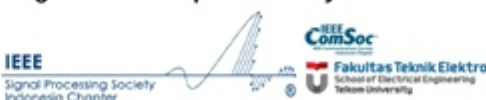
PAPERS SUBMISSION DEADLINE

16 April, 2019

Papers Submission will be managed by EDAS

<https://edas.info/N25687>

Organized and sponsored by :



PREVIOUS ICSIGSYS 2017 & 2018



About ICSIGSYS 2019

It is our great pleasure to welcome you to The Third International Conference on Signals and Systems 2019. The conference will be held on July 16 - 18, 2019, in Bandung, Indonesia. This conference is organized and sponsored by the IEEE Indonesia Signal Processing Society Chapter. **All the papers from the first 2017 and the second 2018 conferences are published in IEEE Explorer and indexed by SCOPUS.**

This conference will provide a wonderful forum for you to refresh knowledge base and explore the innovations in signal processing and systems. It is also for researchers, academias, professionals, and students to disseminate information on the latest developments of signal processing and systems. We will strive to offer plenty of networking opportunities, providing you with opportunity to meet and interact with leading scientists and researchers, friends and colleagues.

The conference will include technical sessions, tutorials and technology and business panels. You are invited to submit your papers to the conference. After peer review process, accepted papers will be published in the ICSigSys 2019 Conference Proceedings and presented papers will be submitted to IEEE Xplore after each paper is thoroughly reviewed and (if any) satisfactorily modified according to the reviewer comments.



IMPORTANT DATES

Full Papers Submission
16 April, 2019

Acceptance Notification
May 16, 2019

Final Manuscript Deadline
June 16, 2019

Authors Registration Deadline
June 16, 2019

Conference Date
July 16–18, 2019

For any information, please visit our website:

icsigsys.org

For inquire please contact :

Secretary@icsigsys.org ; info@icsigsys.org

Summer School 2019

15-20 JULY 2019
BANDUNG, INDONESIA

Statistical Signal Processing And Compressive Sensing For Inference Problem (STACOS)

In the summer school, we intend to give short courses on fundamental of statistical signal processing, machine learning and sparse/compressive sensing for inference problems, such as detection, estimation and classification. Furthermore, we will touch upon some very recent advances that are important in key applications in the future. The courses will include hands-on sessions and all topics deal with real-life signal processing problems. We will leave time for discussions on current trends and open problems. Please visit our website below for each topic in detail.

COURSE CONTENT

- Fundamentals of Detection and Estimation Theories
- Keynote Speech and Tutorial in The 3rd International Conferences on Signals and Systems (ICSigSys 2019). Link: <http://icsigsys.org/>
- Theoretical and Application of Compressive Sensing
- Sparse Sampling for Statistical and Graph Signal Processing
- Supporting 5G era using Artificial Intelligence
- Advanced Machine Learning for Imaging/Image Processing

LECTURERS



Dr. Sundeep Prabhakar Chepuri
Indian Institute of Science (IISc), India



Prof. Andriyan B. Suksmono, PhD
Bandung Institute of Technology (ITB), Indonesia



Prof. Abdesselam Bouzerdoun
University of Wollongong, Australia *)



Dr.-Ing. Fiky Y. Suratman
Telkom University, Indonesia



Dr. Koredianto Usman
Telkom University, Indonesia



Dr. Suryo Adhi Wibowo
Telkom University, Indonesia

*) under confirmation

PROGRAM DESCRIPTION

- 6 effective days (36 hours lectures)
- Lectures in English
- 50 limited seats

TARGET ATTENDEES

- Researchers from universities and R&D institutes
- Doctor & PhD candidates, Lecturers
- Students aiming at being introduced to the topic
- Students already working toward graduate degrees
- Practitioners working in the field from industries

FEE

Types	Participant	
	Local	International
Member IEEE SPS Chapter	IDR 4.000.000	USD 400
Member IEEE	IDR 4.500.000	USD 450
Non Member IEEE/Professional	IDR 5.000.000	USD 500
Student	IDR 4.000.000	USD 400

* SPECIAL PRICE for Authors of Accepted Papers in ICSigSys 2019 IDR 3.000.000 / USD 300 ONLY

REGISTRATION

REGISTRATION DATES :
UNTIL 16 JUNE

REGISTRATION FORM :
<http://bit.ly/summerschoolSTACOS2019>

Organized by :



FOR FURTHER INFORMATION

email : summerschoolstacos@gmail.com

Please Visit our website : <https://see.telkomuniversity.ac.id/Summer-School-2019>



The best paper awards
will be announced at
the closing ceremony

30–31 July 2019

Eastparc Hotel, Yogyakarta, Indonesia

Held as part of the Universitas Gadjah Mada Annual Scientific Conferences (UASC 2019) series, the 5th International Conference on Science and Technology (ICST 2019) provides an ideal academic platform for researchers to present the latest research findings and describe emerging technologies and directions in engineering and the natural sciences

The accepted and presented papers will be submitted to journals/proceedings that are indexed by Scopus

SYMPOSIA

Computer and Information Technology
Electronics, Communication, Control,
and Instrumentation
Environmental and Earth Science
Life Sciences, Materials, and
Applied Chemistry
Mechanical and Industrial Engineering
Power and Energy
Remote Sensing and Geomatics

IMPORTANT DATES

- 6 May ➤ Last deadline for fullpaper submission
- 14 June ➤ Last notification of fullpaper acceptance
- 28 June ➤ Early bird payment deadline
- 5 July ➤ Registration deadline
- 8 July ➤ Camera-ready deadline
- 30–31 July ➤ The conference

SPEAKERS



Prof. Kang-Hyun Jo
University of Ulsan, Korea



Prof. Satoshi Muraki
Kyushu University, Japan



Prof. Johan Debayle
Institut Mines-Telecom, France



Prof. Laurent Commeiras
Institut des sciences moléculaires de Marseille, France



Prof. Franck Lavigne
Université Paris 1 Panthéon-Sorbonne, France



Prof. Hartono
Universitas Gadjah Mada, Indonesia



Prof. Rohana Adnan
Universiti Sains Malaysia, Malaysia



Assoc.Prof. Hanung Adi Nugroho
Universitas Gadjah Mada, Indonesia