

CERTIFICATE OF BEST PAPER

THIS IS HEREBY PRESENTED TO

RENATO R. MAALIW III
(SOUTHERN LUZON STATE UNIVERSITY, PHILIPPINES)

FOR THE PAPER TITLED

**AN ENHANCED SEGMENTATION AND DEEP LEARNING
ARCHITECTURE FOR EARLY DIABETIC RETINOPATHY
DETECTION**

IN THE CATEGORY OF

PATTERN RECOGNITION AND ANALYSIS

AT IEEE CCWC 2023
ON 8TH - 11TH MARCH 2023
LAS VEGAS, USA



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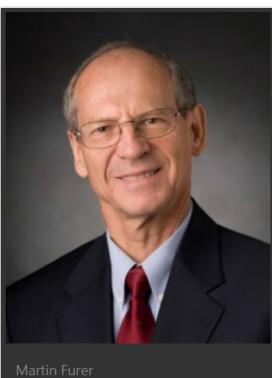
Welcome to IEEE CCWC 2023

Continuing from the outstanding success of **IEEE CCWC 2022**, we are very proud to present CCWC 2023 which will provide an opportunity for researchers, educators and students to discuss and exchange ideas on issues, trends, and developments in Computing and Communication. The conference aims to bring together scholars from different disciplinary backgrounds to emphasize dissemination of ongoing research in the fields of Computing and Communication. Research papers are invited describing original work in the above mentioned fields and related technologies. The conference will include a peer-reviewed program of technical sessions. All accepted papers will be presented virtually during the parallel sessions of the conference and the accepted, presented papers will be submitted for publication at IEEE Xplore® digital library (Scopus, Web of Science, and Google Scholar).

The conference committee decided to conduct this year's CCWC as a fully online conference.

This conference will also promote an intense dialogue between academia and industry to bridge the gap between academic research, industry initiatives, and governmental policies. This is fostered through panel discussions, keynotes, invited talks and industry exhibits where academia is exposed to state-of-practice and results from trials and interoperability experiments. The industry in turn benefits by exposure to leading-edge research in networking as well as the opportunity to communicate with academic researchers regarding practical problems that require further research.

Keynote Speakers at previous IEEE CCWC conferences:



Martin Furer



Randall Davis



Important Deadlines

Full Paper Submission:	16th January 2023 25th January 2023
Acceptance Notification:	1st February 2023 9th February 2023
Final Paper Submission:	15th February 2023 17th February 2023
Early Bird Registration:	15th February 2023 24th February 2023
Presentation Submission:	17th February 2023 28th February 2023
Conference:	8 - 11 March 2023

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Announcements

- Best Paper Award will be given for each track
- Conference Record No- 57344



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The following information provides an overview of IEEE offerings and services.

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Last updated December 2022

IEEE has:

- Over 427,000 members in more than 190 countries, more than 64 percent of whom are from outside the United States
- More than 145,000 Student members
- 344 Sections in ten geographic Regions worldwide
- 2,702 Chapters that unite local members with similar technical interests
- 3,700 Student Branches at colleges and universities in over 100 countries
- 3,625 Student Branch Chapters of IEEE technical Societies
- 634 affinity groups; IEEE affinity groups are non-technical sub-units of one or more Sections or a Council. The affinity group parent entities are the IEEE-USA Consultants Network, Young Professionals (YP), Women in Engineering (WIE), Life Members (LM), and IEEE Entrepreneurship

IEEE:

- Has 39 technical Societies and seven Technical Councils representing a wide range of IEEE technical interests
- Has more than 5 million documents in the IEEE Xplore® digital library, with more than 15 million downloads each month
- Has an active portfolio of 1,032 standards and more than 1,045 projects under development
- Publishes more than 200 transactions, journals, and magazines
- Sponsors more than 2,000 conferences and events in 106 countries while contributing over 4 million total conference papers to IEEE Xplore since 1936, with more than 200,000 new papers added annually

Membership

There are over 427,000 IEEE members in over 190 countries, more than 64 percent of whom are from outside the United States. IEEE members are engineers, scientists, and allied professionals whose technical interests are rooted in electrical and computer sciences, engineering, and related disciplines.

The highest grade of membership, IEEE Fellow, is attained through nomination by peers and approval by the IEEE Board of Directors for distinction in the profession.

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Communities

As the world's largest technical professional organization, IEEE offers a number of ways to get involved with technical and local communities. These communities are active participants in research and authorship, conferences, and important conversations about today's most relevant technical topics locally and globally.

With 39 technical Societies, ten geographic Regions that host over 10,000 local meetings annually, several affinity and special interest groups, humanitarian opportunities, and virtual communities and private groups through IEEE Collabratec®, IEEE offers ample opportunity to network and grow professionally through communities.

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Conferences and events

IEEE sponsors more than 2,000 annual conferences and events worldwide, curating cutting-edge content for all of the technical fields of interest within IEEE.

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Publications

IEEE publishes nearly a third of the world's technical literature in electrical engineering, computer science, and electronics. This includes more than 200 transactions, journals, and magazines published annually. In cooperation with John Wiley and Sons, Inc., IEEE also produces technical books, monographs, guides, and textbooks.

IEEE journals are consistently among the most highly cited in electrical and electronics engineering, telecommunications, and other technical fields.

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Standards

IEEE is a leading developer of international standards that underpin many of today's telecommunications, information technology, and power-generation products and services.

Often the central source for standardization in a broad range of emerging technologies, the IEEE Standards Association has an active portfolio of nearly 1,032 standards and more than 1,045 projects under development. This includes the prominent IEEE 802® standards for local, metropolitan, and other area networks, including Ethernet and Wireless LAN (commonly referred to as Wi-Fi®).

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By awarding continuing education units and professional development hours, IEEE helps its members meet their continuing education requirements and develops products and services in support of these efforts.

IEEE follows strict guidelines for the development and delivery of continuing education materials, conforming to the highest industry practices for awarding continuing education units, professional development hours, and certificates of completion.

At the pre-college level, IEEE works with industry, universities, and government to raise students' literacy in science, math, engineering, and technology.

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Humanitarian

As the philanthropic partner of IEEE, the IEEE Foundation translates the values of our members and donors into social impact and advances the IEEE mission across the globe.

The IEEE Foundation connects 200+ IEEE member-led initiatives with financing, expertise, and philanthropic guidance. Its goal is to put effort where philanthropy and technology intersect. The investment of time, talent, and treasure from generous donors supports IEEE programs that improve access to technology, enhance technological literacy, and support technical education and the IEEE professional community.

The IEEE Foundation, a tax-exempt 501(c)(3) organization in the United States:

- Inspires donations to IEEE, bringing visibility, focus, scale, impact, and relevance to the work of IEEE through philanthropy
- Manages donations for IEEE, ensuring effective financial management and strong governance
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The IEEE Foundation serves as a steward of donations that improve the human condition. It empowers the next generation of engineers and scientists, educates and raises awareness, energizes and recognizes innovation, and preserves the history of technology. With donor support, the IEEE Foundation strives to be a leader in transforming lives through the power of technology and education.

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Awards

Accomplishments in IEEE technical fields are recognized with annual awards for outstanding contributions to technology, society, and the engineering profession.

IEEE Medals are the highest awards that IEEE presents on behalf of the IEEE Board of Directors. IEEE Medals embrace significant and broad IEEE interests and purposes. The highest honor is the IEEE Medal of Honor, which recognizes an individual for an exceptional contribution or extraordinary career in the IEEE fields of interest. Past recipients have included such visionaries as:

- Guglielmo Marconi (1920, for radio telephony)
- William Shockley (1980, for junction, analog, and junction field-effect transistors)
- Andrew S. Grove (2000, for pioneering research in metal oxide semiconductor devices and technology)
- Gordon E. Moore (2008, for pioneering technical roles in integrated-circuit processing, and leadership in the development of MOS memory, the microprocessor computer, and the semiconductor industry)
- Mildred Dresselhaus (2015, for leadership and contributions across many fields of science and engineering)
- Kees Schouhamer Immink (2017, for pioneering contributions to video, audio, and data recording technology, including compact disc, DVD, and Blu-ray)
- Bradford W. Parkinson (2018, for fundamental contributions to and leadership in developing the design and driving the early applications of the Global Positioning System)
- Kurt E. Petersen (2019, for contributions to and leadership in the development and commercialization of innovative technologies in the field of MEMS)
- Chenming Hu (2020, for a distinguished career of developing and putting into practice semiconductor models, particularly 3-D device structures, that have helped keep Moore's Law going over many decades)
- Jacob Ziv (2021, for fundamental contributions to information theory and data compression technology, and for distinguished research leadership)
- Asad M. Madni (2022, for pioneering contributions to the development and commercialization of innovative sensing and systems technologies, and for distinguished research leadership)

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SMART SOCIETY™

SMART Society™ is a US and Canada based non-profit society with the goal of creating a pool of unique ideas, thoughts in the form of short, power packed talks for propelling others to excel in their respective fields. It will serve as a platform for Makers, Artists, Researchers and Technologists to bring forth their views to the entire world.



MISSION AND VISION

It is not enough to be compassionate. You must act. – Dalai Lama



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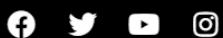
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IEEE CCWC 2023 - Invitation to join the Valedictory Session Inbox x**Rajashree Paul**

to Rajashree ▾

Mar 11, 2023, 11:40 PM



Dear Author,

Thank you for your research paper submission to IEEE CCWC 2023.

Congratulations! We are very happy to announce that your paper has been chosen as the best paper as per the reviewers choice in the category of your paper topic and in this regard, we would like to invite you to join the Valedictory session on 11 march 2023 through this link (<https://zoom.us/j/6319961197>) from 1:45 PM – 2:45 PM (PST).

Looking very much forward to seeing you there.

...

Thanks and Regards,
Rajashree Paul

Technical Co-Chair

...

[Message clipped] [View entire message](#)**Renato Racelis Maaliw III** <renatomaaliw3@gmail.com>

to Rajashree ▾

Mar 12, 2023, 4:38 AM



I accept the invitation.

...

**Renato Racelis Maaliw III** <renatomaaliw3@gmail.com>

to Rajashree ▾

Mar 13, 2023, 7:13 AM



Thank you yet again for this award.

When will be our certificates of best paper be sent?

Thank you very much.

Dr. Renato R. Maaliw III
Dean, College of Engineering
Southern Luzon State University - Philippines

...

**Renato Racelis Maaliw III** <renatomaaliw3@gmail.com>

to Rajashree ▾

Mar 14, 2023, 1:04 PM



Is the best paper certificate ready Dr. Paul? We need to submit it to our University for possible incentives, Thanks a lot.

Also, please send a sample score sheet on how the best paper was judged just like my other awards in Aliot (twice), Iemcon (twice), Uemcon (twice), and CCWC.

Dr. Renato R. Maaliw III
Dean, College of Engineering
Southern Luzon State University - Philippines

...

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Paper Title: _____

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Criteria	Score (0 – 10)	Weight	Total Score
Originality: Originality of contribution to knowledge with an emphasis on the paper's innovativeness in one or more of; (i) theoretical development, (ii) empirical results or, (iii) policy development		40%	
Quality of Argument: Quality of argument incorporating; (i) critical analysis of concepts, theories and findings, and (ii) consistency and coherency of debate		30%	
Positioning: Clear positioning of paper in existing international literature with a conclusion(s) that is both convincing and of significant potential		15%	
Writing Style: Quality of writing style in term of accuracy, clarity, readability, and organisation of the paper		15%	
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