

# 2023 Certificate of IEEE Membership

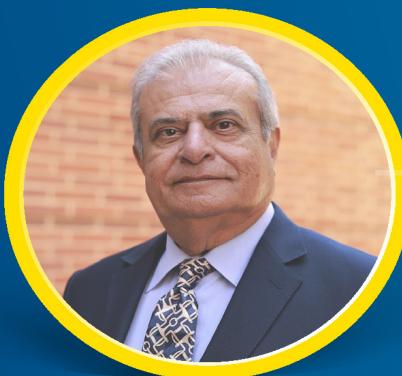
*This certificate recognizes*

**Renato Maaliw III**

as a Senior Member in good standing through December 2023, denoting  
a personal and professional commitment to the advancement of technology



Saifur Rahman, 2023 IEEE President



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## Invitation to be the Session Chair for IEEE AILOT 2023

**Rajashree Paul** <rajashree.paul@iem.edu.in>

to Rajashree ▾

Tue, May 30, 8:13 PM



Dear Prof,

Our conference committee would be very pleased to invite you to be the session chair for AI IOT 2023 which will be held from 7th-10th June 2023 virtually. So if you are interested to be the session chair for AI IOT 2023 then kindly mail us your research area. The conference timing will be in Pacific Daylight Time (PDT). Kindly let us know if you are okay with it.

We will be very grateful if you accept our invitation to be the session chair. Looking forward to hearing from you.

Thanks and Regards,

Rajashree Paul

Technical Co-Chair

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

to Rajashree ▾

Tue, May 30, 8:19 PM



Yes, I will participate. Preferably, Artificial Intelligence Sessions.

\*\*\*

Reply

Forward



## IEEE AIoT 2023

Virtual Conference

takes pleasure in presenting this Plaque to



**RENATO R. MAALIW III**

SOUTHERN LUZON STATE UNIVERSITY, PHILIPPINES

in recognition and appreciation for  
being the Session Chair

**7 – 10 JUNE 2023**



## EVALUATION SHEET

**Session No. : 5**

**Day: 1**

**SESSION 5: PATTERN RECOGNITION; CLOUD COMPUTING; GRAPHICS**

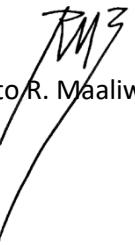
**TIME: 12:30 PM – 1:45 PM**

**SESSION CHAIR: RENATO R. MAALIW III (SOUTHERN LUZON STATE UNIVERSITY, PHILIPPINES)**

ID	TITLE	AUTHOR'S NAME	EVALUATION FACTORS (Out of 10)					<b>TOTAL (Out of 50)</b>
			DELIVERY	ORGANIZATION	THOROUGHNESS OF RESEARCH	ORIGINALITY	ACCURACY	
1570900370	Pattern Recognition for Hidden Markov Processes: Locality and Accuracy	Shieh-Hong Lin (Biola University, USA)	9	8	8	8	9	42
1570907500	Utilization of EEG and fNIRS to Determine Neural Alignment in Educational Applications	Abel Desoto (California State University of Fullerton, USA)	8	8	8	9	8	41
1570900157	Securing HTTP/3 Web Architecture in the Cloud	Jacob Koch and Emmanuel Kojo Gyamfi (University of Cincinnati, USA)	9	9	9	8	9	44
1570907486	Network Function-Enabled Switch for Scalable Network Service Function Chaining	Ning Yang (Southern Illinois University Carbondale, USA); Ning Weng (Southern Illinois University at Carbondale, USA)	8	8	9	8	8	41

1570889832	Implementing a Vehicular Communication Network to Minimize Accident-Related Traffic Congestion in the Southern Expressway of Sri Lanka	Oshadhi U Gunathilake, Suvini Malinka De Silva and Sarani Nimhara Kumari (General Sir John Kotelawala Defense University, Sri Lanka); Hiruni Nikeshala (General Sir John Kotelawala Defence University & Hiruni Nikeshala, Sri Lanka); Piumika N Karunanayake (General Sir John Kotelawala Defence University, Sri Lanka)	8	9	8	9	8	42
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Signature of Session Chair:



Renato R. Maaliw III

## EVALUATION SHEET

Session No. : 9

Day: 2

**SESSION 9: ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING**

**TIME: 10:15 AM – 11:30 PM**

**SESSION CHAIR: RENATO R. MAALIW III (SOUTHERN LUZON STATE UNIVERSITY, PHILIPPINES)**

ID	TITLE	AUTHOR'S NAME	EVALUATION FACTORS (Out of 10)					<b>TOTAL (Out of 50)</b>
			DELIVE RY	ORGAN IZATIO N	THOROUGHNESS OF RESEARCH	ORIGINALITY	ACCURACY	
1570906184	Output Feedback Neuroadaptive Control of Electro-Hydraulic Actuators With Constraints	Guichao Yang (Nanjing Tech University, China); Zhu Tao (Nanjing Tech University, China)	8	8	8	9	8	41
1570906383	Classification of Corporate Tax Compliance in Indonesia Based on k-Nearest Neighbors Algorithm	Nur Uddin, Agustine Dwianika and Irma Paramita Sofia (Universitas Pembangunan Jaya, Indonesia); Rodrigue Tchamna (The City College of New York, USA)	9	8	9	8	8	42
1570906423	Forecasting the Price of the Flight Tickets Using A Novel Hybrid Learning Model	Rasha Kashef (Ryerson University, Canada)	8	9	8	8	8	41

1570906650	A Comparative Study of Detecting Covid 19 by Using Chest X-Ray Images- A Deep Learning Approach	Jonayet Miah (University of South Dakota, USA); Razib Hayat Khan (Independent University Bangladesh, Bangladesh); Md Ishtyaq Mahmud (Central Michigan University, USA); Sabbir Ahmad (University of South Dakota, USA)	8	8	8	9	8	41
1570906749	A Comparative Analysis of Deep Learning Models for Power Quality Disturbance Classification	Sultan Uddin Khan (North Carolina A&T State University, USA); Mohammed Mynuddin (Research Assistant, USA); Dewan Mohammed Abdul Ahad (University of North Carolina at Charlotte, USA); Mohammad Iqbal Hossain (North Carolina Agricultural and Technical State University, USA); Md Jahidul Islam (Tuskegee University, USA); Md Fahad Kabir (Samsung Electronics America, USA)	9	9	9	8	8	43

Signature of Session Chair:

  
Renato R. Maaliw III, DIT



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## History of IEEE

Related information >

IEEE, an organization dedicated to advancing innovation and technological excellence for the benefit of humanity, is the world's largest technical professional society. It is designed to serve professionals involved in all aspects of the electrical, electronic, and computing fields and related areas of science and technology that underlie modern civilization.

IEEE's roots go back to 1884 when electricity began to become a major influence in society. There was one major established electrical industry, the telegraph, which since the 1840s had come to connect the world with a data communications system faster than the speed of transportation. The telephone and electric power and light industries had just gotten underway.

### Meaning of I-E-E-E

IEEE, pronounced "Eye-triple-E," stands for the Institute of Electrical and Electronics Engineers. The organization is chartered under this name and it is the full legal name.

However, as the world's largest technical professional organization, IEEE's membership has long been composed of engineers, scientists, and allied professionals. These include computer scientists, software developers, information technology professionals, physicists, medical doctors, and many others in addition to IEEE's electrical and electronics engineering core. For this reason the organization no longer goes by the full name, except on legal business documents, and is referred to simply as IEEE.

#### On this page:

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- > [Foundation of the IRE](#)
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- > [Growth and globalization](#)
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### Foundation of the AIEE

In the spring of 1884, a small group of individuals in the electrical professions met in New York, USA. They formed a new organization to support professionals in their nascent field and to aid them in their efforts to apply innovation for the betterment of humanity—the American Institute of Electrical Engineers, or AIEE for short. That October, the AIEE held its first technical meeting in Philadelphia, PA, USA. Many early leaders, such as founding President Norvin Green of Western Union, came from telegraphy.

Others, such as Thomas Edison, came from power, while Alexander Graham Bell represented the telephone industry. Electric power spread rapidly, enhanced by innovations such as AC induction motors, long-distance AC transmission, and larger power plants. Companies such as AEG, General Electric, Siemens & Halske, and Westinghouse underwrote its commercialization. The AIEE became increasingly focused on electrical power and its ability to change people's lives through the unprecedented products and services it could deliver. There was a secondary focus on wired communication, both the telegraph and the telephone. Through technical meetings, publications, and promotion of standards, the AIEE led the growth of the electrical engineering profession, while through local sections and Student Branches, it brought its benefits to engineers in widespread places.

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### Foundation of the IRE

A new industry arose, beginning with Guglielmo Marconi's wireless telegraphy experiments in 1895-1896. What was originally called "wireless" telegraphy became radio with the electrical amplification possibilities inherent in the vacuum tubes that evolved from John Fleming's diode and Lee de Forest's triode. With the new industry came a new society in 1912, the Institute of Radio Engineers.

The IRE was modeled on the AIEE but was devoted to radio, and then broadly to electronics. It also furthered its profession by linking members through publications, standards, and conferences and encouraging them to organize local sections and meetings to exchange information and ideas.

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### The societies converge and merge

Through the help of leadership from the two societies, and with the applications of its members' innovations to industry, electricity wove its way more deeply into every corner of life, through television, radar, transistors, and computers. Increasingly, the interests of the societies overlapped.

Membership in both societies grew, but beginning in the 1940s, the IRE grew faster and in 1957 became the larger group. On 1 January 1963, the AIEE and the IRE merged to form the Institute of Electrical and Electronics Engineers, or IEEE. At its

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## Growth and globalization

Over the decades that followed, the social roles of the technologies under IEEE's aegis continued to spread across the world and reach into more and more areas of people's lives. The professional groups and technical boards of the predecessor institutions evolved into IEEE Societies. By the early 21st century, IEEE served its members and their interests with 39 Societies; 130 journals, transactions, and magazines; more than 300 conferences annually; and 900 active standards.

Since that time, computers evolved from massive mainframes to desktop appliances to portable devices, linked to global networks connected by copper wire, microwaves, satellites, or fiber optics. IEEE's fields of interest expanded well beyond electrical and electronics engineering and computing into areas such as micro- and nanotechnologies, ultrasonics, bioengineering, robotics, electronic materials, and many others. Electronics became ubiquitous, integrated in everything from jet cockpits to industrial robots to medical imaging.

As technologies and the industries that developed them increasingly transcended national boundaries, IEEE has kept pace. It is now a global institution that uses the innovations of the practitioners it represents to enhance IEEE's excellence in delivering products and services to members, industries, and the public at large. Publications and educational programs are delivered online, as are member services such as renewal and elections. By 2020, IEEE comprised over 395,000 members in 160 countries. Through its global network of geographical units, publications, web services, and conferences, IEEE remains the world's largest technical professional organization.

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## Mission & Vision

IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity. Below, you can find IEEE's mission and vision statements.

### Mission statement

IEEE's core purpose is to foster technological innovation and excellence for the benefit of humanity.

### Vision statement

IEEE will be essential to the global technical community and to technical professionals everywhere, and be universally recognized for the contributions of technology and of technical professionals in improving global conditions.

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