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IEEE ComSoc Latin America Newsletter - December 2020

1 mensaje

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IEEE ComSoc Latin America Newsletter

December 2020



Note from the Director



Dear ComSoc members in Latin America,

I want to wish everyone a happy and healthy 2021.

As we wrap-up 2020, a very unprecedented year, I want to thank you for being part of the IEEE Communications society. This year has been indeed a tough year, some of us faced challenges including losses in all aspects, and certainly, others have seen opportunities to adapt their way of living, working, and learning.

To me, serving as IEEE Communications Society Latin American Board (ComSoc LAB) Director has been not only an honor but a huge responsibility to ensure that our members and volunteers keep involved in this society, that you all see the value, feel proud, and want to use

IEEE ComSoc as your preferred professional organization. It is my great pleasure to tell you that we have differentiated among other ComSoc regions this 2020, by the number of new members that have joined our society, we have seen an **increase of 21%**. This is a result of the collective efforts among the chapter chairs, the ComSoc LAB, and all of you.

Based on that, I want to thank our IEEE Communications Society Latin American Board (ComSoc LAB) for their efforts and dedication, I have greatly enjoyed working with them, whose commitment keeps our plans running every day. I am also grateful to all our volunteers across the region, from students to professionals, for having spent their time and talent to ensure that all our members are served by the webinars, the courses, the contests, the awards, and all the diverse activities that are offered.

During this year we have seen how central the communications fields became for all the business operations and day to day activities in our lives. In the next years to come, our worldwide professionals' community will be an active player in the transformation of the actual internet connection speeds and digital services that will enable the rest of the industry's needs. With that in mind, I feel positive that being part of IEEE ComSoc in Latin America will give us a step ahead in our knowledge and technical perspective to be better prepared for the incoming changes.

ComSoc LAB is working hard to keep improving, stimulating and supporting the activities of all the technical chapters. In 2021, we will continue to promote new projects for students, industry-related activities, and social outreach, and will welcome all the ideas and contributions from the outstanding professionals, practitioners, or academics, that forms the ComSoc LA community, like you.

As we celebrate the end of one year and the beginning of another, this is always a time of hope, faith, and peace. While 2020 has been a very difficult year, we must also look back with the confidence that better days are ahead of us, that although our challenges as individuals and society are enormous, each of us will have the courage and will contribute to rise them up.

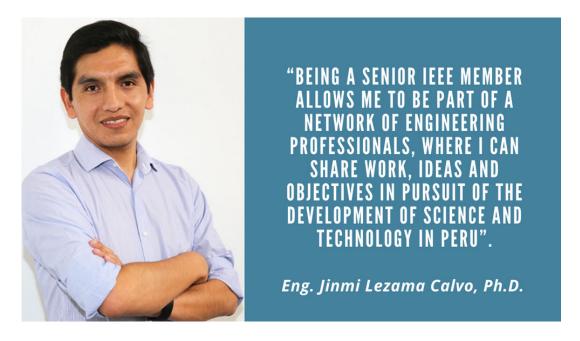
Again, I wish you and your family a happy and healthy new year.

Nury Ramirez.

2020-2021 IEEE ComSoc Latin America Director.

Senior Members ComSoc LA

At ComSoc LA we have 172 Senior Members and this month we want to share with you the biography of 3 senior members who have stood out in their sections and in the region. The Communications Society congratulates his successful career!



Eng. Jinmi Gregory Lezama Calvo, Ph.D.

Ph.D. in Electronic Systems from the University of Lorraine - France, Master in Embedded Electronic Systems and Microelectronics from the University Henri Poincaré - France. Engineer from the National University of San Antonio Abad del Cusco - Peru.

He developed research projects on the design of an electrical signal analyzer device and electrical fault detector for the company Hager Group of Obernai France and electrical signal analysis for DC systems. He worked in the Jean Lamour laboratory in France in the project of material conception of a CABAC video encoder for video transfer. He worked as a professor at the National University of San Antonio Abad del Cusco, professor at the University of Lorraine - IUT Nancy - Brabois and professor of the PhD program in Industrial and Systems Engineering at the National University of Engineering UNI.

He is currently a research professor at the Universidad Tecnológica de Lima Sur, Researcher of the Research Group on Circuits, High Frequency Electronic Systems CSE-HF-EPIET.

"BEING A SENIOR MEMBER IS A GREAT PROFESSIONAL MILESTONE FOR ME. I CONSIDER THAT THE ELEVATION TO SENIOR IS RECOGNITION TO THE MEMBERS OF THE IEEE FOR THEIR PROFESSIONAL CONTRIBUTION IN THE DIFFERENT FIELDS OF ENGINEERING."

Eng. Mark Clemente Arenas, Ph.D.





Eng. Mark Clemente Arenas, Ph.D.

Ph.D. in Telecommunications and Electronics from Telecom ParisTech in France. MSc with mention in Communicating Objects from the Universite d'Aix Marseille. MEng in Microelectronics and Telecommunications from the Polytec Marseille. Bs in Electronic Engineering at the Universidad Nacional de San Antonio Abad del Cusco. Several internships and visiting positions in a variety of institutions for research such as Cremant laboratory in OrangeLabs La Turbie, CNRS GDR Ondes in La Rochelle-France, Queen Mary University of London, Pennsylvania State University, ARRC of the University of Oklahoma, etc.

Currently, he is Full Professor at UNTELS and Senior Lecturer at Telecommunications graduate program at UNI. His research areas include RF/MW/mmW devices, antennas, metamaterials and complex materials for various applications such as 5G, radars, wireless sensors, satellites and channel modeling.



"I CONSIDER THAT BEING A SENIOR MEMBER OF THE IEEE IS A VALIDATION OF EXPERIENCE IN THE FIELD OF ENGINEERING, AND THIS ENCOURAGES ME TO CONTRIBUTE MORE TO SOCIETY BY SHARING MY KNOWLEDGE WITH STUDENTS AND COLLEAGUES."

Eng. Carlos Chancafe Bocanegra

Eng. Carlos Enrique Chancafe Bocanegra

Electronic Engineer from Universidad Nacional del Callao. Post-Graduate in Telecommunications Engineering at the National Institute of Telecommunications Research and Training - INICTEL.

Currently he is an Independent Consultant. Product Manager at Nexus, with more than 15 years of experience related to Data Center Technologies, designs and implementations of Copper and Fiber Optic Structured Cabling.

Active member in the Peru Section of the IEEE, he was treasurer of the Section in the period 2007-2008. Chair of the Technical Activities Committee of the Peru Section for the period 2019-2020. Advisor to the ComSoc student chapter of the Universidad Nacional del Callao. Treasurer of the Peruvian Chapter of the IEEE Communications Society for the period 2021-2022.

Review full requirements for senior members

What's new at ComSoc LA?



International Industry Student Panels Results

Students presented their work to industry professionals via teleconference, where panelists judged work based on industry interests, existing standards, and actual market needs.

Congratulations to the winners!

Student Paper Competition Results

This initiative recognized the outstanding work done by students at the undergraduate and graduate level. A group of expert academics and professionals evaluated the articles and defined the best ones.

Congratulations to the winners for this prestigious recognition!

The results of the articles are presented below:





Mobile platform based on Augmented Reality applied in antennas



Universidad Privada del Valle, Bolivia: Diego Paredes, Ivan Pacheco.

"With a mission to support academic education in technologies, share knowledge, create opportunities and establish a better ecosystem due to the adversities created by COVID 19, IEEE COMSOC LA opened its first ComSoc Student Papers Competition, to undergraduate or postgraduate students with ComSoc membership.

In this competition we got second place, by our article Mobile platform based on Augmented Reality applied in antennas. Which is oriented towards the study of antennas and their properties by using new technologies emerging today like Augmented Reality and Artificial Intelligence. We thank IEEE COMSOC LA for this opportunity and Universidad del Valle (UNIVALLE) for the support and guidance in all our goals."

Winners of the IEEE ComSoc LA

Region Awards

Distinguished Service Award

Prof. Joel Rodrigues receives the "Latin America Region Distinguished Service Award" from the Latin American and Caribbean Region of the IEEE Communications Society.

The honor rewards the member of the IEEE Communications Society who stood out in Latin America and Caribbean Region for the high profile of his scientific and engineering activities, and for his service to the community.



Prof. Joel Rodrigues, **FELLOW member** of IEEE and professor of the Post-Graduate Program in Electrical Engineering at the Federal University of Piauí (UFPI), Brazil, was awarded the 2020 edition of the "Latin America Region Distinguished Service Award" from the Institute of Electrical and Electronics Engineers (IEEE) - Communications Society (ComSoc) of Latin America and Caribbean.

The Region annually distinguishes a member who stands out notably for his scientific and engineering activities as well as for his service to the community.

"This year, I was honored to have been chosen by our Latin American and Caribbean Region as the member who stood out throughout his career for my scientific contributions, technological development and innovation, and for the services provided to the community, both as IEEE Distinguished Lecturer (since January 2018) and for having served the IEEE Communications Society as Director for Conference Development and member of the Board of Governors for the 2018-2019 biennium, as well as IEEE ComSoc Latin America Region Board as Technical Activities Committee Chair for the past two years and other missions in IEEE and services such as combating COVID-19 in which I

coordinate the Research and Innovation Project that includes the State Campaign Hospital, in Teresina - PI", said Prof. Joel Rodrigues.

"I am currently serving also as the Steering Committee Chair of the IEEE Communications Society Technical Committee on Multimedia, since June 2020, Steering Committee Chair of the IEEE HEALTHCOM, and the ComSoc representative at the IEEE Biometrics Council," he added.

As mentioned by Prof. Joel Rodrigues, this honor results from the recognition of a work dedicated to scientific evolution and its contributions to society. "It is a huge satisfaction to receive this award from colleagues who know our work. I am grateful for the trust and recognition for the work I have done serving the community. I have a great feeling of gratitude and I am available to continue serving the best I know and can, both in terms of science and technology, and in terms of service to the community itself, whether at our university, in our region or outside it", he declared.

Young Professional Award

For her outstanding and promising professional record in the field of communication.



WHY JOIN IEEE COMSOC?

Make Our Community Your Community

As a member of this distinguished, global community, whether you are an undergraduate student, graduate student or

- Member Benefits
- Chapters

an experienced professional, you will receive exclusive personal, career, and business benefits and enjoy access to top-quality communications technology resources.

- IEEE Fellow
- Women in Communications Engineering (WICE)
- Distinguished Lecturers
- Student Membership
- Student Competition
- Young Professionals
- Sister & Related Societies

Membership and Subscription









