

noticieero

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#107



IEEE Anual Election

***IEEE 2018 President-Elect
candidates interview***

 **IEEE**
Advancing Technology
for Humanity

Concursos Estudiantiles IEEE R9

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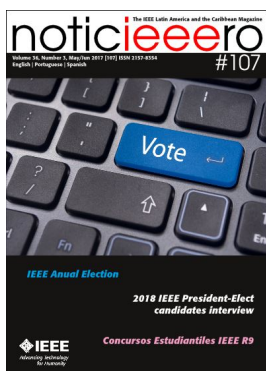
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Cover Photo: e-Voting

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DIANA VERA S. - Editor-in-Chief
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Estimado Lector:

Una vez más, como cada año, estamos en período de elecciones. Hemos incluido en esta edición una entrevista especial a los 3 candidatos a Presidente Electo IEEE 2018, nuestro Director Regional nos hace una invitación a leer las propuestas y votar a conciencia. En nuestras manos está el futuro del Instituto al que pertenecemos.

En esta edición le presentamos además el llamado a participar en los diversos concursos estudiantiles de la Región, noticias de las Secciones e invitaciones a las próximas conferencias técnicas, donde puede publicar su artículo.

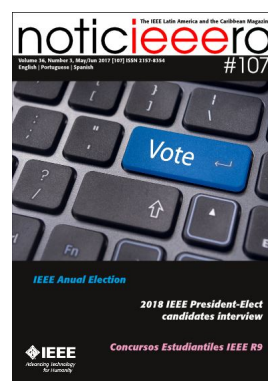
Su retroalimentación es lo más importante para nosotros, al final de esta edición encontrará una encuesta, que agradecemos llenar.

No olvide que el Noticieero es la publicación oficial de IEEE Región 9, una ventana abierta para difundir sus actividades y saber qué está sucediendo en la Región. No deje de participar enviando sus artículos, la próxima fecha límite es el **20 de agosto de 2017**.

Un cordial saludo!

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1990-1995: Juan Carlos Míguez (Uruguay)
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2012-2015: Salomón Herrera (Ecuador)



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IEEE Elections

"Shaping our professional society"

Antonio Ferreira - IEEE R9 – Regional Director 2016-2017
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English version

Dear IEEE Region 9 colleagues,
 IEEE is at all levels governed by volunteers elected to their positions, directly or indirectly, by the members. The voting membership of IEEE annually also elects officers that serve on the top-tier IEEE governing bodies. The candidates are drawn from recommendations made by divisional and various nominating committees, as well as candidates nominated by petition. In addition, the names will include candidates for positions in the IEEE Standards Association, IEEE Technical Activities, and IEEE-USA.

Balloting for 2017 will start on 15 August 2017, and Region 9 voting membership will be able to present their options for the following positions:

IEEE President-Elect, 2018

- Jose M. F. Moura
- Vincenzo Piuri
- Jacek M. Zurada

IEEE Region 9 Delegate-Elect/Director-Elect, 2018-2019

- Enrique A. Tejera M.
- Alberto Sanchez

IEEE Technical Activities Vice President-Elect, 2018

- K.J. Ray Liu
- Douglas N. Zuckerman

Depending on the affiliation, some members will also have the possibility to vote for Division Directors and Standards Association,

This is our opportunity to help shape the leadership and the future of our Region and IEEE and I urge you to read and analyze the candidates' proposals, and to exercise your right to vote.

Best regards,

Antonio C Ferreira, Ph.D.
 IEEE Region 9, Director 2016-2017
antonio.ferreira@ieee.org

Elecciones IEEE

“Formando nuestra sociedad profesional”

Versión Español

Queridos colegas de IEEE Región 9:

IEEE está gobernado a todos sus niveles directa o indirectamente por voluntarios elegidos para sus posiciones por los miembros. La membresía con derecho a voto en IEEE también elige anualmente a los funcionarios que forman parte de los órganos superiores de IEEE. Los candidatos son seleccionados de recomendaciones hechas por los Comités de Nominación Regionales y de División, así como candidatos nominados por petición. Además, los nombres incluirán candidatos para posiciones en la Asociación de Estándares de IEEE, Actividades Técnicas de IEEE y IEEE-USA.

La votación para el 2017 empezará el 15 de agosto de 2017, y la membresía con derecho a voto en IEEE Región 9 podrá presentar sus opciones para las siguientes posiciones:

Presidente Electo IEEE 2018

- Jose M. F. Moura
- Vincenzo Piuri
- Jacek M. Zurada

Delegado Electo IEEE Región 9/Director Electo IEEE Región 9, 2018-2019

- Enrique A. Tejera M.
- Alberto Sanchez

Vice Presidente Electo de IEEE Actividades Técnicas, 2018

- K.J. Ray Liu
- Douglas N. Zuckerman

Dependiendo de la afiliación, algunos miembros también tienen la posibilidad de votar por Directores de División y Asociación de Estándares.

Esta es nuestra oportunidad para ayudar a formar el liderazgo y el futuro de nuestra Región e IEEE y yo les invito a leer y analizar las propuestas de los candidatos y ejercer su derecho al voto.

Saludos cordiales,

Antonio C Ferreira
IEEE Region 9, Director 2016-2017
antonio.ferreira@ieee.org

IEEE Young Professionals Hall of Fame Award 2017 winners announced

This year, more than 20 Young Professionals Affinity Groups from all over the world were nominated for the IEEE Young Professionals Hall of Fame Award, the highest distinction a Young Professionals Affinity Group can receive. It was extremely difficult to select the winners, since all nominations were of an exceptional quality - yet three groups had to be chosen to receive the award. Congratulations to the 2017 winners (in alphabetical order): Bangalore (Region 10), Costa Rica (Region 9), and Jordan (Region 8). We would also like to acknowledge the runner-ups: Israel (Region 8), Montreal (Region 7), and Seattle (Region 6).

Premio Mundial al Capítulo PES Panamá Outstanding Chapter Award (OCA)

la Sociedad de Potencia y Energía (PES), luego de una evaluación a nivel mundial, ha reconocido al Capítulo de Potencia y Energía de Panamá con el premio "Outstanding Chapter Award"

El Premio al Capítulo Sobresaliente del PES busca reconocer un Capítulo por lograr la excelencia en el suministro del mejor conjunto de programas, actividades técnicas, actividades sociales, reconocimiento a sus miembros y crecimiento de la membresía.



Capacitaciones online

¿Cómo puedo lograr mejores resultados de investigación en menos tiempo?

Sesión 1: miércoles 26 de julio, 2017 a las 10:30 horas ET (Nueva York):

8:30: San José, Costa Rica

9:30: Lima, Quito, Bogotá, Ciudad de México

10:30: Caracas; San Juan, Puerto Rico; Asunción, Santiago, Chile

11:30: Buenos Aires, Montevideo, Sao Paulo

16:30: Madrid

Guarde la siguiente URL la cual le conectará directamente a la conferencia:

<https://ieee.webex.com/ieee/j.php?MTID=mf7255f3d48f9511b61925428aa925950>

Meeting number (access code): 639 320 196

Meeting password: julio26

Sesión 2: miércoles 26 de julio, 2017 a las 13:30 horas ET (Nueva York):

11:30: San José, Costa Rica

12:30: Lima, Quito, Bogotá, Ciudad de México;

13:30: Caracas; San Juan, Puerto Rico; Asunción, Santiago, Chile

14:30: Buenos Aires, Montevideo, Sao Paulo

19:30: Madrid

Guarde la siguiente URL la cual le conectará directamente a la conferencia:

<https://ieee.webex.com/ieee/j.php?MTID=m69a1db6f478928231fc0b9dfb3580bda>

Meeting number (access code): 639 729 476

Meeting password: ComoPub26Julio

Es recomendable entrar a la sesión 10 minutos antes del comienzo para asegurar la configuración correcta de su equipo (desactivar "pop-ups", etc.).

Para cualquier pregunta relacionada con su suscripción, contacte con su representante IEEE autorizado de ventas:

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América Latina: EBSCO: Lidiette Quesada; lquesada@ebSCO.com, +1 978 944 0113

Michael Shapiro, MA, MLIS: IEEE Client Services Manager for Spain and Latin America, m.s.shapiro@ieee.org



Humanitarian Activities Committee

HAC announces its 2017 Funding Opportunities

Happy New Year! The IEEE Humanitarian Activities Committee (HAC) is pleased to announce its 2017 funding opportunities. Please see below for three different funding programs and their deadlines.

You will find full information and the link to the online proposal portal when you click the button for each program's RFP below.

Best wishes for a successful 2017!

HAC Events

The IEEE Humanitarian Activities Committee (HAC) is tasked with supporting the IEEE Board-endorsed vision of IEEE volunteers around the world carrying out and/or supporting impactful humanitarian activities at the local level - that is, "feet on the ground."

HAC is currently soliciting proposals for the support of elements of events that are aligned with this vision. Support requested may include financial resources, publicity in HAC materials, content development - such as HAC assistance in determining session topics and/or potential speakers - HAC promotional materials, and/or other assistance. HAC seeks to support a range of elements of events across IEEE's regions worldwide.

Please note: HAC will not sponsor entire conferences - rather, it will support elements of events, such as tracks, workshops, sessions, and so on, that are aligned with HAC's vision. Proposals can be submitted for up to USD15,000.

Deadlines:

- March 1
- May 15
- August 15

HAC Events RFP

HAC Projects

The IEEE Humanitarian Activities Committee (HAC) is tasked with supporting the IEEE Board-endorsed vision of IEEE volunteers around the world carrying out and/or supporting impactful humanitarian activities at the local level - i.e. "feet on the ground."

HAC is currently soliciting proposals for humanitarian projects that are aligned with this vision. The committee will review proposals during two periods in 2017 and expects to finance a minimum of 4 to 5 proposals with budgets between USD20,000 and USD60,000.

Deadlines:

- March 31
- May 31

HAC Projects RFP

SIGHT Projects

The Special Interest Group on Humanitarian Technology (SIGHT) program is a network of IEEE volunteers around the globe that partner with underserved communities and local organizations to leverage technology for sustainable development.

The SIGHT Steering Committee is currently soliciting proposals for SIGHT group project funding. The committee will review proposals during three periods in 2017 and will grant awards between US\$500 and US\$19,999.

Deadlines:

- March 15
- May 15
- August 15

SIGHT Projects RFP



IEEE 2018 President-Elect candidates interview

IRENE PAZOS VIANA - IEEE R9 newsletter columnist

ipazos@ieee.org

CANDIDATES SHORT BIO



VINCENZO PIURI

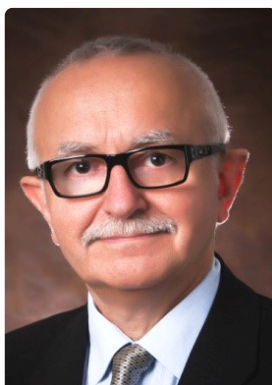
Candidate for 2018 IEEE President-Elect

You can find more at his site: VincenzoPiuri.org

Professor University of Milan

Milano, Italy

Vincenzo Piuri (IEEE Fellow, 2001) is Professor of Computer Engineering at University of Milan, Italy (since 2000; Department Chair in 2007-2012). He has been Associate Professor at Politecnico di Milano, Italy (1992-2000), visiting professor at University of Texas at Austin, USA (summers 1996-1999), and visiting researcher at George Mason University, USA (summers 2012-2016). He founded a start-up company for industrial intelligent systems (CEO in 2007-2010). His research and industrial interests are in intelligent systems, neural networks, pattern recognition, machine learning, signal/image processing, measurement systems, and fault-tolerant architectures. He has published 400+ research papers in international journals, conference proceedings, and books. He has received several awards and recognitions for scientific contributions and IEEE service. He is an IEEE Fellow, ACM Distinguished Scientist, IEEE-HKN Member, INNS Senior Member, and active Member of IEEE Societies/Technical Councils/Affinity Groups (including CIS, ComSoc, CS, CSS, EMBS, IMS, PHOS, RAS, SMCS, SPS, BIOMC, SYSC, WIE).



JACEK M. ZURADA

Candidate for 2018 IEEE President-Elect

www.jacekzurada.org

IEEE Life Fellow

Dr. Jacek Zurada is a Professor of Electrical and Computer Engineering at the University of Louisville, Louisville, Kentucky, USA. He was a post-doc at Swiss Federal Institute of Technology in Zurich, a Visiting Professor at Princeton University, and a Distinguished Visiting Professor at NUS and NTU (Singapore). He has authored several textbooks and over 400 refereed publications in computational intelligence, machine learning, image/signal processing, bioinformatics and microelectronics that have resulted in over 10,700 citations. He has advised 21 PhD students who now hold leadership positions within industry, academia, and governments. He has also served industry and start-ups as a consultant.

Dr. Zurada has delivered over 160 invited plenary conference presentations and seminars, including Distinguished Lectures for three IEEE Societies. He received numerous IEEE, University and learned society awards for research, teaching and service. He was elected to the Polish Academy of Sciences and conferred five honorary doctorates and professorships.

**JOSE M. F MOURA**

Candidate for 2018 IEEE President-Elect

Philip and Marsha Dowd University Prof. El. and Comp. Eng. & BioMed. Eng. Deps.

Carnegie Mellon University
Pittsburg, Pennsylvania, USA

www.ece.cmu.edu/~moura

José M F Moura is Chaired University Professor at CMU, member of the US National Academy of Engineering, corresponding member of the Portugal Academy of Sciences, Fellow of the US National Academy of Inventors, IEEE Fellow, and AAAS Fellow.

Degrees: EECS D.Sc. (MIT) and EE (Instituto Superior Técnico (IST, Portugal)). He was Professor at IST and visiting Professor at MIT and New York University. Directs at CMU a major education and research initiative, www.cmuportugal.org. Interests on data science, signal processing, high performance computing, communications, information theory, remote sensing, underwater acoustics, biomedical imaging. He holds 14 US patents, the technology of two of which are found in over 3 billion disk drive chips in over 60% computers in the world; other technology has been licensed by Intel and Siemens. He published over 550 papers that have received 13,750 citations with an h index of 59. He co-founded Spiralgen, www.spiralgen.com. He has received several awards including the Technical Achievement Award and the Society Award from the IEEE Signal Processing Society for outstanding technical contributions and leadership in Signal Processing.

CANDIDATES INTERVIEW

1. A manager or a president is someone who commands others to do things he cannot do alone by himself. This ability requires understanding the value of empowering others to do things, instead of trying to do things by one's own. People with technical profile, are hardly taught to envision this ability. In your personal experience, what is that "something" that moved you from a technical into leadership perspective?

Vincenzo Piuri

When I have been serving as Director of a university department and Director of a PhD program, I started understanding and appreciating the value and the power of diversity and collegiality to achieve better solutions and engage people. Their importance became even clearer and more significant to me when I have been serving as volunteer in IEEE as chair of technical committees and general/program chair of conferences. Transparency, trust, and participation of people are essential. People should be always involved in the decision processes since inception, especially for the most relevant and critical for the life of our scientific and professional community.

Resulting decision will be stronger and more effective since they will take into account all facets of the

Jacek Zurada

To be a good leader of an organization, we need to know it and have a passion for it. Further, a set of skills and experience is needed that consists of people skills, ability to create a vision and later, a leader needs persistence to implement the goals. Such attitude by itself is encouraging others to become proactive and creative.

José Moura

Over my professional life, see www.ece.cmu.edu/~moura, I have been a doer, hands-on researcher and professor, but also a team leader, as leader of my research group, director of a large institute in my university, see www.cmuportugal.org, as well as a volunteer leader like Editor in Chief, Vice President of Publications of an IEEE Society and of an IEEE Council, President of an IEEE Society, IEEE Vice President of Technical Activities, leading all 46 IEEE Societies and Councils. I am also President of a small company, www.spiralgen.com. In all these endeavors, I work hard to set the vision with my collaborators, inspiring them to contribute to the vision, and then motivating and empowering them and providing the resources needed so they can successfully execute what they commit to.

Vincenzo Piuri

reality and all needs and aspirations of people. Implementation of these decisions will be facilitated since everybody will know that she/he has contributed to them.

I believe that a true leader is someone who, having a vision of the future, is able to catalyze the volunteer's desires and aspirations, excite the minds and warm the hearts, promote holistic cooperation, and work in a collegial way through consensus. IEEE should always be by people for people. A true leader has a maieutic role to make this a reality.



2 - Which is your experience related to leadership that you consider personally most remarkable?.

Vincenzo Piuri

I have many memories in which mutual understanding and cooperation have been shown an essential way to ensure effective and efficient action in IEEE.

In particular, even though the less visible, I would like to remember the activity that I started a few years ago to promote cooperation among the Major Boards, with visits to Region meetings and other informal gatherings. This initiative contributed in increasing the reciprocal understanding of the needs, problems, and aspirations, establishing a more open dialogue, and looking for opportunities for collaboration. This atmosphere already produced some results and is continuing improving the positive relationships among Major Boards, reflecting also on the relationships among Sections and Societies.

Jacek Zurada

The experience I acquired as a President of the Computational Intelligence Society has been in my view the most formative. It has required good leadership skills, creativity, collegiality and a vision for the Society that was young and ambitious. At the end of the road, we have made a big difference by working as a team. It was also a very rewarding period when I had to do the planning, budgeting and implementation of projects that have built fundamentals for a very successful Society as we know it today.

José Moura

Working hard with collaborators to understand what is the hard question that should be addressed for the problem at hand and then develop a successful course of action to solve the problem. An example at hand regards bringing financial transparency to IEEE. It started with a motion I presented at the IEEE Technical Activities Board in 2013. Since then, volunteers have formed an open group to work with IEEE staff to understand how many dollars come to IEEE and where those dollars go, to be able to understand the gross revenues, the costs and corporate overhead. We are now well on our way to understand IEEE finances much better. The other is to found and lead a large educational and research project between my University and several Universities in Portugal, www.cmuportugal.org.

3 - IEEE statement is about leadership: “Advancing technology for Humanity”. How would you “invite”, “provoke”, “motivate” and so forth, IEEE members to envision and embrace this leadership values, so distant from engineers education?

Vincenzo Piuri

Strategic actions can be envisioned in various directions to point out the value of advancing technology for the ultimate benefit of humanity, i.e., for the social and economic advancement of the society as well as for improving the quality of life of every individual:

- Increasing awareness: actions can be developed to promote the visibility and the impact of technology on the daily life and the benefits for humanity. These actions can complement the current activities of the Public Visibility Committee, by focusing on the technological aspects and addressing specifically the IEEE members. More awareness can be achieved by increasing the visibility of SIGHT as well as EPICS activities, where technology impact is made tangible to advance the life conditions.

- Engaging members: invitations to participate in local or global projects for applying technology advancement to solve real-world problems contributing to advance the quality of the life. In particular, participation to SIGHT and EPICS, as well as similar projects supported by other sister associations or other humanitarian associations with which IEEE can partnering. Many engineers are actually interested in giving back to the society and help in the social and economic development so as to ensure a global improvement of the quality of the life.

- Engaging student members: invitation to student members to participate in competitions for developing practical solutions to solve real-world problems helping in improving the quality of life. Competitions are always attracting the interest and stimulating the creativity of students since they challenge students' knowledge and skills in addressing real-world problems. Students usually likes to see something practical and love to

Jacek Zurada

To lead, we need to be passionate, lead by example, and be able to take some degree of risk. In a volunteer-driven organization as the IEEE, leadership is also collegial since we always work with teams of like-minded individuals. This team-wise approach results in decisions that are supported by the majority since they are based on the consensus. Once the team solves the problem and arrives at a solution, the team owns it and feels responsible for its success.

José Moura

My experience is that, when given the opportunity, engineers volunteer their expertise and actively engage in service to others. From my perspective, as a leader we need to facilitate and create these opportunities that our members can then join in. Good examples include IEEE's EPICS and IEEE Power and Energy Society's Smart Village, in particular the recent partnership with the Global Himalayan Expedition that installed a number of microgrids to bring light to a remote Himalayan village and monastery.

Election deadlines

15 AUGUST

IEEE annual election ballots are mailed to voting members, and electronic ballots are accessible.

2 OCTOBER

Last day that members' marked ballots can be accepted by IEEE, by noon CT USA/17:00 UTC.

16 OCTOBER

Election results are announced by the IEEE Tellers Committee.

19-20 NOVEMBER

IEEE Board of Directors acts to accept the report of the Tellers Committee. Election results are made official.

Vincenzo Piuri

have been able to prove that they can do something valuable. Competitions are also a way to create groups encompassing students as well as young professionals, senior professionals, educators, researchers, and government employees, thus contributing in amalgamating the scientific and professional community.

- Recognizing efforts and achievements: offering a public recognition of the activities and achievements is an essential part that rewards volunteers and makes their efforts and dedication an exemplary role model for the others, especially the young generations.

Balloting for 2017
will start on

15 August 2017

4 - Advancing technology, delivers constant improvements on life quality. The improvements, apply mostly to those who can keep up with fast advancing and evolving world. So engineering is much about advancing technology that makes engineers obsolete, unless you are aware and commit to continuous education. How do you think IEEE should involve members and support professional continuous educational programs?

Vincenzo Piuri

Continuing education is an essential part of being an engineer. To remain on the leading edge of technology and innovation, especially in the rapidly-evolving, emerging, and interdisciplinary knowledge which is the foundation of modern complex applications, continuing education is crucial to ensure ability of addressing modern challenges and develop innovative solutions, as well as advancing the technologies. IEEE should support people in the scientific and professional community in this continuous effort of remaining up-to-date. Various opportunities can be envisioned, in particular, by:

- Developing more continuing education material, both on advanced foundations and emerging technologies, encompassing webinars and online courses specifically designed for professionals, especially young professionals and individuals who are interested in expanding their career.

Jacek Zurada

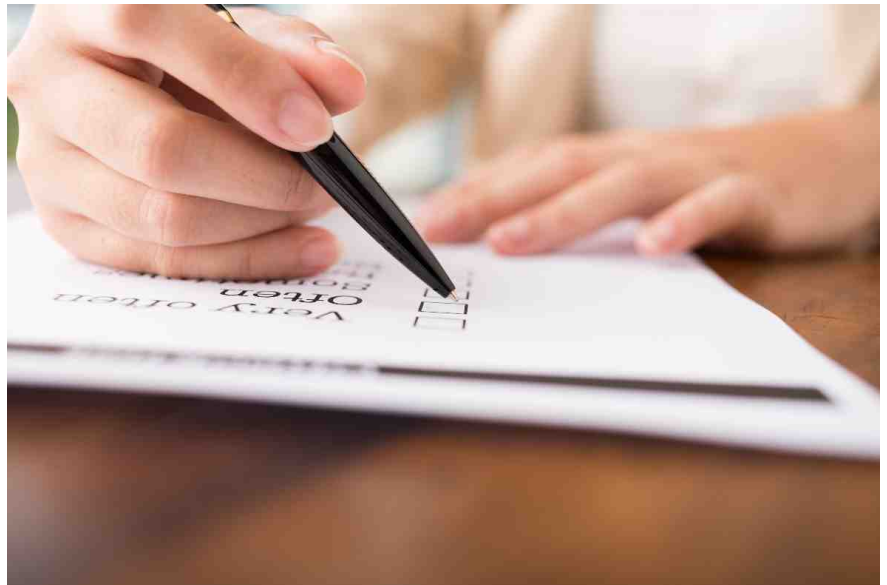
IEEE will need to do more to support career goals of its members. To this aim we need searchable and easy to use educational portals, with a single port of entry and good quality training material. As of now, much of the educational content produced within IEEE goes unrecorded, or else even if recorded, it is hard to locate and use. We need to do better than that to support members' careers and retraining needs.

José Moura

Gone are the days when Engineers were educated for life during their college years. Now, continuing education and continuing awareness of new technologies is a must. IEEE and Technical Activities' Future Directions Initiatives foster communities on technologies including IoT, 5G, software defined networks, smart materials, or big data. IEEE Resource Center includes many future directions podcasts, webinars, videos, educational materials, magazines, as well as many other products and services. But clearly this is not enough, much needs to be done to create value that appeals to our professional members by leveraging new technologies in creating effective educational and training materials.

Vincenzo Piuri

- Introducing an advanced repository for educational materials to collect references to all items created by the various organizational units.
- Introducing a recommendation system to facilitate the identification of relevant knowledge to create personalized continuing education programs, according to the specific background of individuals and their respective needs, goals and aspirations.
- Producing more practical knowledge to solve real-world problems and use standards, by presenting guidelines, methodologies, best practices, and successful cases.
- Establishing specialized forums for people networking on advanced topics, so as to facilitate circulation of recent experiences and best practices.
- Expanding the mentoring programs to address not only career development, but also discussion of technology advancement and emerging topics.



5 - There is kind of controversy between satisfaction balance between industry and academy focus. What is your perspective on this?

Vincenzo Piuri

All groups of our scientific and professional community should be equally nurtured. While maintaining and reinforcing the services and the products which are valuable to academia, we should expand and create more products and services addressing the needs of professionals, industry and entrepreneurs as well as people in government agencies. Among these products and services, we can consider, for example, data/algorithms repositories, advanced recommendation systems for knowledge discovery, data analytics and mining tools, technology surveys, technology trend analysis, people networking services, practical knowledge for professionals, continuing education material and certification, mentoring services, career development material, public policy support, and public visibility activities.

Jacek Zurada

On the whole, academics are more satisfied with IEEE membership and resulting benefits they receive. If elected President, I will work hard towards increasing relevance of our Institute for industry members. This can be achieved through better career resources that I emphasized in item 4, and will also help more engineers doing their jobs. I am also highlighting this important issue on my website at jacekzurada.org and in the June issue of THE INSTITUTE.

José Moura

IEEE products and services, including journals and conferences, serve well academics, but do not offer compelling value to industry professionals. One of my initiatives as President is to focus on understanding what is the value that IEEE membership offers to different segments of the membership, in particular, to industry professionals in each region of the world, and then develop products and services that target these needs. For example, young professionals in industry are interested in networking, mentoring, and career development opportunities. Many young engineers in region 4, in Mexico and many countries in South America, are very interested in N3XT, the IEEE initiative on entrepreneurship. IEEE needs to target the interests and needs of each group and develop the corresponding products and services.

Vincenzo Piuri

It is worth noting that academy and industry are not conflicting in our scientific and professional community since there is an osmotic integration among them. Academia needs real-world challenges coming from industrial applications as stimulus for advancing research and technology, while industry can benefit from the innovation and the theoretical achievements of research. By providing appropriate support to academia, industry, and government employees as well as to the general public, we will be able to reinforce the visibility and standing of IEEE, and its value for the scientific and professional community as well as for the entire humanity..

6 - Dealing with big organizations is never easy, so succeeding to perform projects for technical activities, Societies, Sections and Board involvement surely left you some interesting lessons learned. Please tell us about your happiest experience, and also please tell us what kind of (IEEE) problems you went through.

Vincenzo Piuri

Volunteers are extraordinary and willing to embrace new challenges for the advancement of science and technology, for improving the economic and social conditions of people, for ensuring a sustainable future to the humanity and better living conditions. Knowledge, competences, and enthusiasm of volunteers have been and will always be the powerful and tireless engine of IEEE. The most recent happiest experience has been the creation of the IEEE Environmental Engineering Initiative, when an incredible number of volunteers decided to help for the benefit of our community and the humanity: this effort will contribute significantly to the United Nations' Sustainable Development Goals.

Cooperation among groups is sometimes difficult. Limited communication and sharing of experience in a big organization like IEEE may create barriers and narrow the focus of attention and action. Reinforcing the common vision and goal and reinvigorating cooperation among all groups as One IEEE will allow all of us for better serving our scientific and professional community as well as the entire

Jacek Zurada

Joining IEEE over 30 years ago was an expression of my fascination with the profession, and abundant opportunities for active participation in conferences and publishing as well as for engaging with Societies and Boards has kept me active over the 25+ years.

One of my happiest IEEE moments is certainly the IEEE Awards Ceremony - a yearly event that validates the societal impact of the technologies we champion.

The Ceremony highlights the ways in which we directly touch peoples' lives during our journey to advance technology for humanity.

José Moura

I have had very rewarding experiences as a volunteer both when cofounding the Portugal Section as well as a volunteer in my technical society, as editor in chief of one of its transactions or as society president. At the IEEE level, I also enjoyed serving in many of the other IEEE level Boards and Committees. The major problem I experienced was last year when I served in the IEEE Board of Directors and there was a major disconnect between the leadership of IEEE and most of the Technical Activities Society and Council Presidents regarding the Board proposed constitutional amendment that was then defeated by the membership at large. The main lesson learned is that, rather than being a corporation where volunteers are tolerated, IEEE needs to refocus on being a member driven and volunteer led organization and that leaders need to work very closely with volunteers and members before proposing major restructuring initiatives.

Vincenzo Piuri

humanity. People is willing to cooperate, even though sometimes is difficult to see the possible connections and the opportunities across the entire IEEE and thus to act accordingly. It is our responsibility to make these connections more visible and reinvigorate the opportunity for fruitful cooperation.

7 - Globalization is undeniable for economy, science, technology, and everything else. But global solutions or models hardly fit everything. Being a global organization that serves every local member as expected, is a great challenge. How do you envision this oxymoron for “globally personalized”?

Vincenzo Piuri

The global perspective allows for sharing knowledge as well as for creating networking opportunities around the world to sustain the global growth of the humanity. None should be ever left behind since everybody is an essential part of our scientific and professional community and everybody can actually contribute to advance technology, innovate, and – ultimately – to the social and economic development. On the other side, respect and care for the local tradition, culture, and needs are essential. Diversity is one of the most precious gems that we have. Diversity ensures to view aspects and issues in a more comprehensive way, avoiding biases that may result in suboptimal solutions and decisions. Our activities should be declined by considering the local specificities in order to provide a better service, more valuable to the local community, and more effective to solve real problems and address the needs of individuals. Cooperation with local sister associations will facilitate serving the local communities in a more comprehensive way. Global and local perspectives are not conflicting goals: they are specific views of the One IEEE, i.e. the common efforts that we share to serve our scientific and professional community addressing the local needs while providing an international connection. Each of these perspectives sustains and integrates the other to provide a

Jacek Zurada

Balancing the personalization and globalization is an interesting task. As we share and consume globally more news, actions and interactions, we still remain distinct individuals. Our motivation to volunteer is fully altruistic except for one aspect: we derive a personal satisfaction from serving goals that we are passionate about. When volunteering for IEEE, we as individuals feel the trust, collegiality, and professionalism of the organization, and of the members we work with. It's probably because we are all motivated by the same set of positive goals that we all believe in.

José Moura

Think globally, act locally. One of my two focuses as President is membership, developing a complete understanding of what is the value that an IEEE membership means for each different segment of the membership, from academics to industry professionals, in different regions of the World, from young professionals to more seasoned members. Once we understand what this value proposition is, we can then develop new membership models as well as new services and products that appeal to the different membership segments.

Vincenzo Piuri

richer experience to every individual in the scientific and professional community.

8 - As Elected President, what is the very first thing you would be absolutely excited to start with "immediately"?

Vincenzo Piuri

I will focus on creating a personalized offer for every individual so that IEEE be a unique comprehensive experience for her/him. Specifically, I will work with all Boards and organizational units catalyzing our efforts on:

- Introducing a recommendation system to facilitate identification of knowledge, products, services, and volunteering opportunities according to the profiles of each individual, by taking into account her/his area of work, her/his recent searches, and the searches of people with similar interests.
- Developing more support for professionals, especially young professionals, by offering more practical knowledge to solve real-world problems, including best practices, successful cases, and guidelines.
- Creating more opportunities for continuing education, especially on emerging technologies as well as emerging needs for technologies, applications and standards.
- Expanding the service and the material for university educators to better support development of courses and educational activities.
- Expand the support for researchers by facilitating the search for knowledge and introducing recommendation facilities to identify related knowledge.
- Identifying membership models whose fees are equally affordable everywhere in the world and whose products and services are tailored on the specific needs of members, possibly with rewards for volunteers and frequent users, and more caring for the financial burden and its concentrated impact when individuals are transitioning between positions or become unemployed or retired.

Jacek Zurada

I will immediately appoint two adhoc committees during my Elect year: (1) IEEE Serving Industrial Professionals, and (2) Data Analytics-based Tools for IEEE Intellectual Property. The recommendation from the 1st committee can be implemented within 2 years, but the 2nd topic can be a bit more challenging and could last longer for full implementation. Both are of paramount importance, however, for our members and clients, and for our future as a knowledge-based organization.

José Moura

An initiative on what needs to be done to double or triple our membership – this entails, as I wrote before, understanding the value proposition to offer to each individual member, and to develop novel membership models that target the specific interests of each one of us.

9 - As Elected President, what is the long term specific objective that keeps you awake at night?

Vincenzo Piuri

Nurturing the scientific and professional community, globally and locally, by ensuring cooperation as One IEEE.

Jacek Zurada

IEEE as an organization that leads the advancement of technology must constantly operate on the very same technology's cutting edge. Saying it differently, we can't champion the technology effectively if our operations are not using the most modern infrastructures available. To use an example: since our strength is in building the intellectual property and advancement of technology, we should plan to deliver to our members and subscribers more knowledge as opposed to providing them with the classic information such as papers, figures and formulas. We need to pass to the users recommended algorithms, designs and as many proposed engineering solutions as possible.

José Moura

Once we understand how to increase, maintain, and serve a growing membership my other aspiration as President is to have a hard look at the IEEE finances to root out waste and maximize value. IEEE finances lack transparency, I started four years ago an effort on financial transparency to understand how many dollars enter IEEE (revenues per each product and service) and where each dollar goes (where is each dollar spent) so that we know exactly what are direct costs, indirect costs, and IEEE overhead. So far, we can understand that corporate direct costs are 34% and corporate overhead is 30% of the gross revenues, while net revenue to volunteers is about 32% to produce these services (say, conference proceedings and transactions and journals).

10 - How would you like to be remembered? If someone refers you as "this is the one who did that", what would you like "that" to be?

Vincenzo Piuri

The one who really cared for nurturing the scientific and professional community, especially the underserved groups and areas, with a human-centric approach and a holistic perspective of One.

Jacek Zurada

I would to be remembered as a transformational IEEE President that has brought essential changes that will benefit members for many years to come. The changes will be in improvement of ties with the industrial communities and will focus on delivering IP formatted as knowledge as opposed to the classic model of today that delivers traditional research papers which contain unprocessed, raw information.

José Moura

The President that doubled or tripled the IEEE membership and returned IEEE to a vibrant member-focused and member-based organization.



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Vincenzo PIURI

Candidate for 2018 IEEE President-Elect

Biography

Vincenzo Piuri is Professor at the University of Milan, Italy, where he has also been Department Chair. He has been visiting professor at the University of Texas at Austin, USA, and visiting researcher at George Mason University, USA. He is honorary professor at three universities in Europe and Asia.

His research and industrial interests are in intelligent systems, neural networks, pattern recognition, machine learning, signal/image processing, measurement systems, fault-tolerant architectures, and digital architectures. He has published more than 400 research papers in international journals, conference proceedings, and books.

He founded a start-up company on intelligent systems for industrial applications, and has been active in industrial research with several companies.

He has received several awards and recognitions for scientific contributions and IEEE service. He is an IEEE Fellow, ACM Distinguished Scientist, IEEE-HKN Member, INNS Senior Member, and active Member of IEEE Societies/Technical Councils/Affinity Groups (including CIS, ComSoc, CS, CSS, EMBS, IMS, PHOS, RAS, SMCS, SPS, BIOMC, SYSC, WIE).

IEEE Accomplishments and Qualifications

Vincenzo Piuri is in his 33rd year of continuous and active service in IEEE. He started as a student member and volunteer. Since then, he has been involved in a large spectrum of IEEE activities, including members services, technical committees, conferences, publications, education, people networking, management, finances, and strategic planning. He has served on the Technical Activities Board and the Publication Services and Products Board as well as on their Committees, and on Committees of the Member and Geographic Activities Board, the Educational Activities Board, and the IEEE. He has served as IEEE Vice President for Technical Activities and as a member of the IEEE Board of Directors for four years.

His long-lasting volunteer service has given him a broad and deep experience in IEEE and has made him very sensitive to the needs and aspirations of all IEEE members and volunteers. In all his activities, he has always strongly promoted cooperation and inclusivity, for the mutual synergic benefit of all groups as well as our scientific, technical, and professional community and, ultimately, all humanity.

Position Statement

IEEE is uniquely positioned as a global leader in science, technology, and innovation. We should continue to be the premier reference in our field and further grow as a driver of innovation, timely identifying emerging needs and opportunities. With the extraordinary expertise and dedication that our IEEE community offers, together we can face this challenge and enhance our profession by:

- **Continuing to be the trusted source for high-quality, innovative, and timely knowledge for scientists and professionals**, by adopting a human-centric approach with modern delivery, addressing emerging topics and standardization needs, facilitating knowledge search with recommendation systems and data analytics, supporting research and education with data/algorithms repositories and educational material, and providing practical knowledge to professionals;
- **Empowering and engaging the IEEE members and the whole scientific and professional community**, by facilitating access to knowledge and services, providing tangible value and affordable membership fees, enhancing specialized networking, expanding continuing education and certifications, supporting career development, addressing needs of industry and entrepreneurs, and ensuring trust, transparency, sustainability, and participation of members in IEEE management;
- **Promoting inclusivity and diversity** of technological expertise, profession, gender, age, and geographical origin, by acting holistically, nurturing our global and local communities, embracing the underserved groups and areas, engaging young generations and women, cooperating with national and international scientific/professional associations, and supporting public service, public policy, and humanitarian activities.

I am fully committed to serve our community, with strategic vision and guidance, encouraging participation, galvanizing enthusiasm, and catalyzing the rich and diverse competences and aspirations of members and volunteers. I envision a holistic view for One IEEE, recognizing diversity as a fundamental richness for synergic cooperation, and in which everybody feels proud to be. An IEEE by people for people.

Vincenzo Piuri

IEEE Fellow

2015 IEEE Vice President
for Technical Activities

Professor
University of Milan, Italy

vincenzo.piuri@unimi.it

IEEE Elections

Web Site

ieee.org/elections

Voting

directvote.net/ieee

from Aug 15 to Oct 2
noon CT USA/17:00 UTC

For more information visit

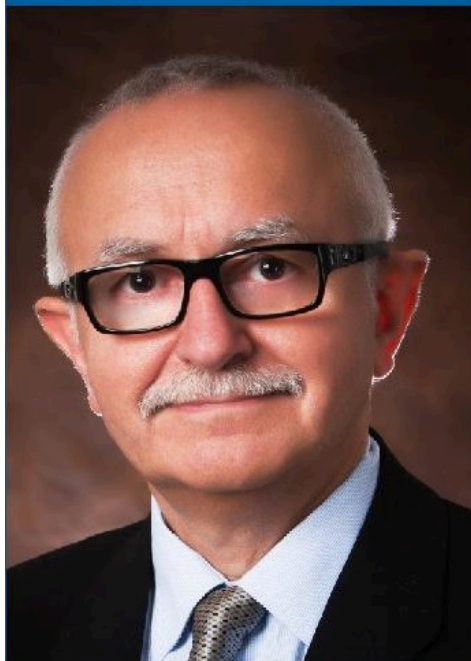


vincenzopiuri.org

**Thank you
for your vote!**

Dr. Jacek M. Zurada

IEEE Life Fellow
Candidate for 2018 IEEE President-Elect
(2019 President)



Biografía

- Profesor de Ingeniería Eléctrica e Ingeniería de Computación en la Universidad de Louisville, EE.UU.
- Educado en Europa, carrera profesional de 33 años en los Estados Unidos, y tres años en Asia.
- Autor de varios libros de texto y de más de 400 publicaciones en inteligencia computacional y sistemas micro-electrónicos, resultando en 10.800 citas.
- Vicepresidente de IEEE, Actividades Técnicas 2014 (2013 Presidente-Electo, 2015 ex Presidente)
- Posiciones de liderazgo de la IEEE en las Juntas de Publicaciones, Servicios y Productos y Actividades Técnicas (TAB), incluyendo la Presidencia de los Comités de Revistas del IEEE y de su Revisión (2010-13)
- Presidente de la IEEE Computational Intelligence Society (2004-05)
- Editor en Jefe del IEEE *Transactions on Neural Networks* (1998-03)
- IEEE Life Fellow con distinciones incluyendo doctorados honorarios y una membresía en una academia de ciencia.

Logros y calificaciones de IEEE

El Dr. Zurada ha servido en una amplia gama de roles voluntarios de la IEEE y ha ocupado puestos de las más altas responsabilidades en Actividades Técnicas, incluyendo ser miembro con derecho a voto de la TAB (7 años), PSPB y MGA (2 años cada uno). Su enfoque ha sido promover la misión global del IEEE y atender las necesidades de ingenieros y profesionales. Tiene una variedad de perspectivas y una experiencia única en IEEE y con sus tres directorios principales. Con un amplio conocimiento de las publicaciones IEEE, conferencias y otros productos, está bien preparado para la presidencia de IEEE.

Declaración de Posición

IEEE es una organización única y universalmente reconocida que sirve a sus miembros y la humanidad fomentando la innovación tecnológica para el beneficio de la humanidad. El rápido ritmo de la tecnología y la globalización está creando oportunidades únicas para IEEE. Para lograr el éxito, el Presidente debe aprovechar la enorme energía de sus voluntarios y su creatividad en el pensamiento colectivo y asumir un rol de liderazgo para mejorar el Instituto. Si soy elegido, impulsaré la expansión del alcance de IEEE y su imagen pública, y la mejora de los beneficios de los miembros a través de:

- Satisfacer mejor las necesidades de los profesionales de la industria y establecer centros de recursos industriales.
- Mejorar la utilidad de los artículos publicados por el IEEE combinándolos con herramientas de análisis de datos que ayuden a responder preguntas, encontrar algoritmos o diseños.
- Ayudar a nuestros miembros a estar al día en sus profesiones.
- Invertir en las direcciones futuras de las tecnologías.
- Llegar a nuevas comunidades de miembros potenciales, especialmente a las economías emergentes y también a los miembros del Instituto menos atendidos.

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Visit www.jacekzurada.org
for more information



IEEE Elections: www.ieee.org/elections

Voting: August 15 through October 2 at <https://www.directvote.net/ieee/>

Thank you for your support!

The opinions expressed are the opinions of the author and not necessarily the opinions of IEEE

For 2018 IEEE President-Elect

VOTE AT [http:// www.directvote.net/ ieee/](http://www.directvote.net/ieee/) starting August 15, 2017



JOSÉ M.F. MOURA

(Petition Candidate)

Philip and Marsha Dowd University Prof.
El. and Comp. Eng. & BioMed. Eng. Deps.
Carnegie Mellon University
Pittsburg, Pennsylvania, USA

[www.ece.cmu.edu/ ~ moura](http://www.ece.cmu.edu/~moura)

José M F Moura is Chaired University Professor at CMU, member of the US National Academy of Engineering, corresponding member of the Portugal Academy of Sciences, Fellow of the US National Academy of Inventors, IEEE Fellow, and AAAS Fellow.

Degrees: EECS D.Sc. (MIT) and EE (Instituto Superior Técnico (IST, Portugal). He was Professor at IST and visiting Professor at MIT and New York University. Directs at CMU a major education and research initiative, www.cmuportugal.org.

Interests on data science, signal processing, high performance computing, communications, information theory, remote sensing, underwater acoustics, biomedical imaging.

He holds 14 US patents, the technology of two of which are found in over 3 billion disk drive chips in over 60% computers in the world; other technology has been licensed by Intel and Siemens. He published over 550 papers that have received 13,750 citations with an h index of 59. He co-founded Spiralgen, www.spiralgen.com.

He has received several awards including the *Technical Achievement Award* and the *Society Award* from the IEEE Signal Processing Society for outstanding technical contributions and leadership in Signal Processing.

Statement

IEEE leads the way with superior products and services for our **members**. Volunteers are our prominent voice. I believe in **strong** and **strategic** leadership. I am a **team** player. We are at the front of the technology revolution in computing, communications, medical, energy, entertainment. We produce the best publications/conferences and built the most successful

digital library, Xplore. I have a **laser focus** on **what is the value** of **IEEE** for its **members**: **grow** our **membership** by understanding what different segments of our membership really want or need from IEEE and then develop the **technical, educational, and professional services** that can deliver this value to members. My IEEE vision is simple: serve members and volunteers, coming from **different regions** and technical areas, in partnership with staff as supporting role. I promote **financial transparency**, **frugal management**, reduce **costs**, lighten **bureaucracy**, and make volunteering a rewarding and successful experience.

For IEEE 2018 President-Elect

<http://www.directvote.net/ieee/> starting August 15, 2017



JOSÉ M.F. MOURA

(Petition candidate)

Philip and Marsha Dowd University Prof.
El. and Comp. Eng. & BioMed. Eng. Deps.
Carnegie Mellon University
Pittsburg, Pennsylvania, USA

www.ece.cmu.edu/~moura

IEEE Accomplishments and Activities

(S'71-M'75-SM'90-F'94-LF'12)

IEEE Accomplishments. Members are at the center of IEEE. IEEE serves our members by being the most technological advanced society; staff help volunteers to develop the best initiatives for our community. I strive to develop services that bring new value to the membership. I cofounded the IEEE Portugal Section. I was one of the volunteers involved in Opera, the precursor of IEL and Xplore, when IEEE transitioned its publications from paper to the electronic platform. As Vice President Pubs of the Signal Processing Society (SPS), I led the digitizing and placing online of ALL the SPS journals, conferences, and workshops historic content; as its President, I offered to the membership electronic access to all its seven Journals, I changed the bylaws to include directors representing all IEEE Regions, and steered efforts to launch a new Conference for industrial members. As volunteer, I helped start new Journals, technical committees, and conferences. In the Technical Activities Board, I sponsored budget transparency to return the best value to the membership. As IEEE Board Member, I promoted a vision to use technology to offer new services, to develop a collaborative platform and build e-communities, and where IEEE staff supports volunteers to best serve the technical community. As IEEE Vice President for Technical Activities I formed: with IEEE MGA a joint ad-hoc committee to find the value proposition for members and develop new membership models; with the Education Activities Board (EAB) an ad-hoc to

leverage technology to develop new education products; and an ad-hoc to look at IEEE finances to bring transparency, to develop new revenue generating products, and to look at what IEEE operation services should be run as Cost Centers.

IEEE Selected Activities. COMMITTEES/ BOARDS: IEEE corporate officer as IEEE Vice-President Technical Activities, 2016; IEEE Board of Directors and Division IX Director, 2012-13; IEEE Awards Board, 2012-14; Technical Activities Board (TAB), 2008-09, 2012-13; Educational Activities Board, 2010; Publication Services and Products Board (PSPB) vice-chair 2008 and member 2011-12; PSPB Strategic Planning Committee, 2008-09, 2011-12, 2015. Board of *IEEE Proceedings*, 1999-2007. **SOCIETY:** Signal Processing Society (SPS): Chair Awards Board, 2014-16; President, 2008-09; Long Range Planning Committee Chair, 2006-07; Vice-President Publications, 2000-02; *Signal Processing Magazine*, 2003-05; *Signal Processing Letters*, Interim Editor-in-Chief, 2002; *Transactions on Signal Processing*, Editor-in-Chief, 1995-99. **COUNCIL:** Sensors Council: VP Publications, 2000-02. **SECTION:** IEEE Portugal Section, Founding Member, 1980-84.



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Changes for the Better



Informativo de la Sección Puerto Rico y Caribe

LUIS A. TATIS MORALES - IEEE Puerto Rico & Caribbean Section - Section Chairman
luistatis@ieee.org

El pasado lunes 8 de mayo del presente año tuvimos la grata visita del lector distinguido de la sociedad de Comunicaciones (COMSOC) Prof. Andrei Gurtov PhD procedente de Finlandia, el cual nos presentó la lectura titulada: "Software Defined Mobile Networks". La misma fue una bien interésate y bien concurrida. Tuvo una gira de visitas por Latinoamérica en 4 países (Puerto Rico, República Dominicana, Panamá y Colombia).

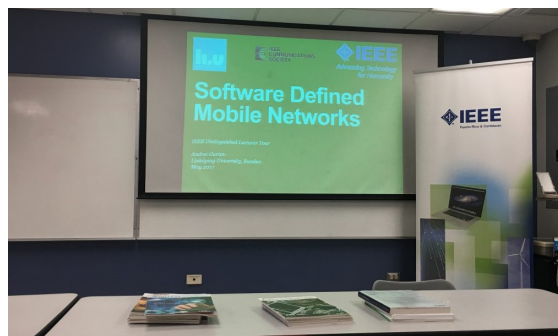
La presentación fue realizada en la Universidad del Turabo del municipio de Caguas en Puerto Rico.



Vista frontal Asistentes de lectura Puerto Rico y Caribe.



Grupo de asistentes de la lectura junto al Presidente de Sección PR&C y Lector Distinguido.



Plantilla de lectura y materiales promocionales de la Sociedad de Comunicaciones (COMSOC).



Coordinador Sac PR&C (Carlos R. Lebron), Lector Distinguido y Presidente de Sección Puerto Rico y Caribe (Luis A. Tatis).

Vista posterior asistentes de la Subsección de Republica Dominicana.



Grupo de asistentes en la lectura ofrecida Subsección de Republica Dominicana. Edificio de la empresa Microsoft.



Informativo 2 la Sección Puerto Rico y Caribe

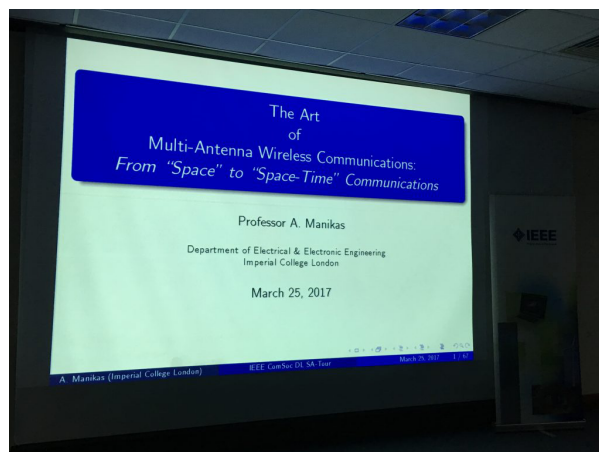
LUIS A. TATIS MORALES - IEEE Puerto Rico & Caribbean Section - Section Chairman
luistatis@ieee.org

El 25 de marzo de 2017, el profesor Athanassios Manikas, conferenciante distinguido de la Sociedad de Comunicaciones, nos presentó la conferencia: El Arte de las Comunicaciones Inalámbricas Multi-Antenas: Del Espacio al Comunicaciones Espacio-Tiempo.

El Profesor A. Manikas tiene la Cátedra de Comunicaciones y Procesamiento de Array del Departamento de Ingeniería Eléctrica y Electrónica del "Imperial College" de Londres y es miembro de la Institución de Ingeniería y Tecnología (IET), miembro del Instituto de Matemáticas y sus Aplicaciones (IMA) y un conferenciante distinguido de IEEE (ComSoc).

Ha publicado un extenso conjunto de artículos de revistas y conferencias en el área de las comunicaciones inalámbricas digitales y el procesamiento de señales en array, y es autor de un libro (monografía) titulado "Geometría diferencial en el procesamiento de arrays". Actualmente se encuentra en el Consejo Editorial del IET Signal Processing, en el Scientific World Journal (Comunicaciones), en el Journal of Telecom and Digital Media del Global Science and Technology Forum (GSTF) y en el "International Journal of Distributed Sensor Networks". También es el Editor de la serie de libros de investigación de ICPress sobre Comunicaciones y Procesamiento de Señales en U.K.London.

La Universidad visitada por el profesor fue en la Universidad Interamericana de Bayamón en Puerto Rico. El conferenciante distinguido visitó dos países: Sección Puerto Rico y Caribe y la Sección de Colombia (Barranquilla y Cartagena).



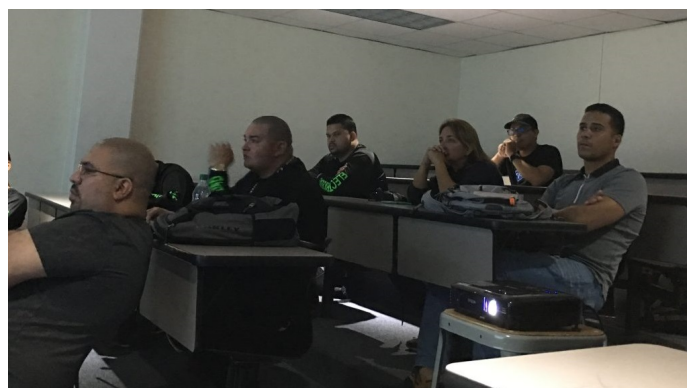
Plantilla de lectura y materiales promocionales de la Sociedad de Comunicaciones (COMSOC).



Directivos de la rama estudiantil de la Universidad, Lector Distinguido y Presidente de Sección Puerto Rico y Caribe (Luis A. Tatis).



Grupo de asistentes de la lectura junto al Presidente de Sección PR&C y Lector Distinguido.



Vista Lateral Asistentes de lectura Puerto Rico y Caribe.

A satellite map of the Americas, showing North and South America in green and brown, surrounded by blue oceans. The map is the background for the entire page.

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Brasil	Walter Issamu Suemitsu
CAPANA	Jaqueline Mejía
Cono Sur	Rafael Sotelo
México	Francisco Ponce

Chairs of Sections in Region 9 |

Presidentes de Secciones en la Región 9

Aguascalientes	Gabriel Suarez
Argentina	Gustavo Juarez
Bahia	Thiago Barbosa
Bolivia	Alejandra Salinas Porcel
Centro Occidente	Juan Carlos Olivares
Centro-Norte	Ricardo Jacobi
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Colombia	Lorena García
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Ecuador	Carlos Monsalve
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Guadalajara	Stewart Santos
Guanajuato	Javier Magaña
Guatemala	Herman Juarez
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Mexico	René Trejo Orduña
Minas Gerais	Abilio Variz
Monterrey	Sergio Camacho
Morelos	Miguel Ramírez González
Nicaragua	Mario Aleman
Panama	Iván Castillo
Paraguay	Juan Encina Cabrera
Peru	Santiago León Gómez
Puebla	Germán Muñoz
Puerto Rico y Caribe	Luis Tatis
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Rio de Janeiro	Tatiana Mariano Lessa
South Brasil	Mario Ogava
Trinidad y Tobago	Wayne Richard Small
Uruguay	Gustavo Giannattasio
Venezuela	TBD
Veracruz	Reynaldo Celso Rodríguez
Western Puerto Rico	Hector Peña

Region 9 IEEE Senior Members Upgraded between March and June 2017

Argentina Section	Cohen Eduardo	Nicaragua Section	Munguia Marco
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Ciclo de Webinar IEEE R9 2017



Guillermo Catuogno

(IES / CSS / RAS / IAS /
PELS / VTS) de la Sección
Argentina.

Idioma Español

Fecha Lunes 24 julio

Hora 6:00 PM GMT -6

 6:00 P.M.

 7:00 P.M.

 8:00 P.M.

 9:00 P.M.

Webinar: "Máquinas Polifásicas (>3ph)"

Sobre el ponente:

Es Ingeniero Electricista-Electrónico, tiene un Doctorado en Ciencias de la Ingeniería. Profesor Adjunto en la Universidad Nacional de San Luis (UNSL) e Investigador Asistente en el Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET). En uno de los directores del Laboratorio de Control Automático (LCA-UNSL) donde desarrolla sus tareas de investigación en temas relacionados con máquinas polifásicas, tolerancia a fallas de accionamientos eléctricos y supervisión y control de sistemas de generación aislada. Es miembro de IEEE desde 2009 y es colaborador del Capítulo Conjunto #1 (IES/CSS/RAS/IAS/PELS/VTS) de la Sección Argentina.

Sobre la Charla:

La charla dará una breve introducción sobre máquinas polifásicas (>3ph) y en que aplicaciones las podemos encontrar. Luego se mencionaran diferentes modelos y estrategias de control clásicos para este tipo de máquinas. Finalmente se presentaran algunos de los trabajos que se están llevando a cabo en el Laboratorio de Control Automático.

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Nueva versión del MORE IEEE

El SAC Team IEEE R9 se complace en presentar la nueva versión del Manual de Operaciones para Ramas Estudiantiles IEEE, más conocido como el MORE IEEE, documento de lectura obligatoria para todos los directivos de Ramas Estudiantiles, Capítulos Estudiantiles, Grupos de Afinidad Estudiantil, Consejeros, Advisor y SAC's, que les permitirá conocer más de nuestra institución, las oportunidades que tiene los miembros y ayudará a la gestión de una Rama Estudiantil IEEE.

Los invitamos a leer el MORE IEEE en su versión 3.0, en sus dos idiomas (Español y Portugués) realizada con el propósito de ser leída por toda la región y esperamos contribuya en las actividades estudiantiles IEEE.



IEEE R9 SB Web Site Contest results





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Concurso Call For Paper IEEE R9

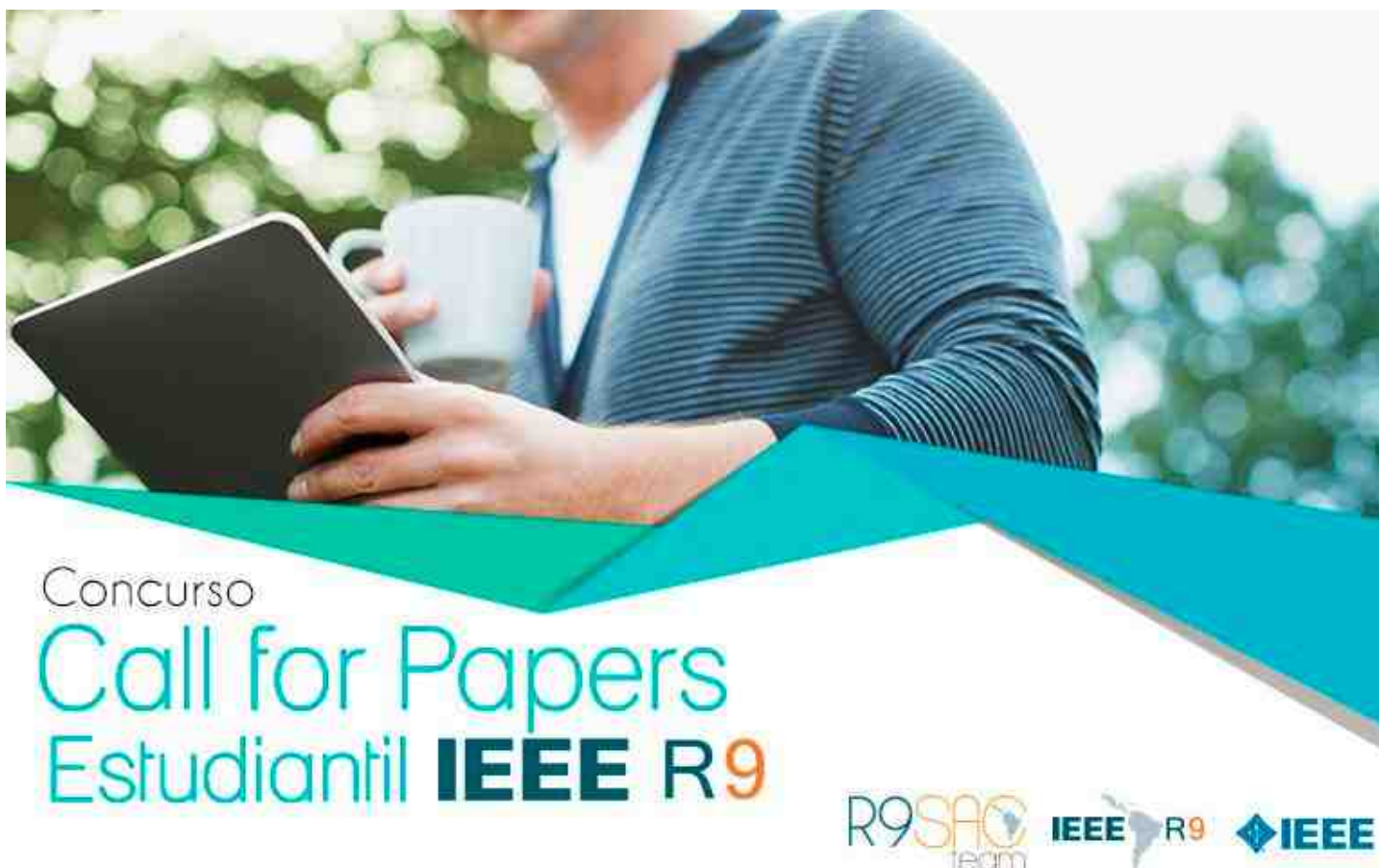
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31 de julio de 2017, 23:59 hs. (GMT -5)

PREMIOS:

- 1er lugar: Placa + USD 100.00 (*)

(*) También se premiarán a Capítulos de Computer/ComSoc/IAS/PES/RAS/CAS



Concurso
Capítulo Técnico
Estudiantil Ejemplar **IEEE R9**





Concurso de Fotografía IEEE R9

DEADLINE:

30 de septiembre de 2017, 23:59 hs. (GMT -5)

PREMIOS:

- 1er lugar: Membresía IEEE + certificado
- 2do lugar: Membresía IEEE





Concurso de Ética IEEE R9

DEADLINE:

15 de septiembre de 2017, 23:59 hs. (GMT -5)

PREMIOS:

- 1er lugar: Certificado + USD 100.00



Concurso
de Ética
IEEE R9





Dear Colleague

We are pleased to announce that submissions are now being accepted for **2017 IEEE CONCAPAN** conference that will be held next **15- 17 November 2017** in **Managua, Nicaragua**.

CONCAPAN XXXVII is the flagship event from IEEE Central America and Panama council, focusing on sustainable, reliable and efficient technologies. Speakers and authors are invited to showcase innovation and progress in technologies addressing technical contributions from research and industrial development in the fields of electrical engineering.

Submission

- The official languages of CONCAPAN are Spanish and English. Papers submitted in Spanish should include Title, Abstract and Keywords in English.
- Papers must be submitted no longer than 6 pages and minimum 4 pages, following the IEEE format, available at <https://goo.gl/K5h1Bj>
- Papers must be submitted using the *EasyChair* platform <https://goo.gl/cIkcy5>
- Papers successfully accepted will be submitted to the IEEE Xplore® digital library

Important Dates

- **Full paper submission, deadline extension: 30 July 2017**
- Full paper notification of acceptance: 10 September 2017
- Final manuscript submission: 30 Septiembre 2017
- Author(s) must be registered by 10 October 2017

Areas of study

Key focus areas that are particularly relevant include (but are not limited to):

Power and Energy (Smart grid, Renewable Energy, Power Electronics, Electrical Safety, Rural Electrification, Energy Efficiency, Energy Management, others); Computer Science (Cloud computing, Internet Governance, IT Security, Business Intelligence, Data Mining, Augmented Reality, Internet of Things, others); Communications (Telecommunications, RF applications, Mesh Networks, others); Biomedical Engineering; Industrial Electronics; Electron Devices.

For more information and further details, please contact:

CONCAPAN37@LISTSERV.IEEE.ORG

Sincerely,

Technical Program Committee – CONCAPAN 2017

Hotel y Centro de Convenciones Crowne Plaza
15-17 de Noviembre 2017
Managua, Nicaragua

<http://www.concapan2017.org/>



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Contact: info.congreso.utn.ieee@gmail.com
 Registration: www.frsr.utn.edu.ar/energias/

Congress Fees

	Until 15/07	Later 15/07
General	US\$120	US\$ 150
IEEE Member	US\$ 100	US\$120
Students	US\$50	US\$60
IEEE Students	US\$40	US\$50


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CALL FOR PAPERS

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The III International Conference on Innovation and Trends in Engineering (CONIITI 2017) will be held in Bogotá, Colombia on 4th - 6th October 2017. CONIITI is an open space for interaction between actors of the innovative ecosystem in order to share new approaches for the creative transformation of Colombia through the design of solutions with engineering vision.

Accepted papers will be published in IEEE Xplore

TOPICS

CONIITI is based on four basic topics: Creativity, Innovation and Entrepreneurship; Intelligent Software and Technological Convergence; Integral and Dynamic Management of Organizations; Infrastructure and Environment. We encourage the submission of original, unpublished research focused on (but not limited to) the following topics of interest:

CREATIVITY, INNOVATION AND ENTREPRENEURSHIP

Creative ability
Creative Processes
Co-creativity
Co-working
Culture of innovation and entrepreneurship
Data marketing
Design thinking - application experiences
Disruptive Innovation
Education for entrepreneurship
Educational innovation
e-Government
e-Learning
Gamification
Innovation and social entrepreneurship
Innovation in Public Policy
Innovative construction projects
Living labs
Open and smart cities and territories
Open Innovation
Strategic Innovation
Sustainable materials under construction
Technology and innovation management
Technology transfer
Technology-based entrepreneurship

INTELLIGENT SOFTWARE AND TECHNOLOGICAL CONVERGENCE

Agent and Multi-Agent Systems
Applied Robotics
Apps and developments in Telecommunications
Artificial Intelligence
Autonomous Computing
Autonomous Systems
Big Data Analytics
Cloud Computing
Cognitive Radio
Collaborative Social Networks
Collective Intelligence
Digital Economy
Distributed Infrastructure for Smart Grids
Drones, Applications and Regulation
Information Security
Internet of Things
IT Architecture
Machine Learning
Microwave, Optoelectronics and Applications
Open Data
Radio Spectrum for 5g and IoT Networks
Semantic Web and Ontologies
Smart Tutoring Systems
Software Engineering
Wireless Sensing Systems

INFRASTRUCTURE AND ENVIRONMENT

Alternative Energies
Bridges and Viaducts
Environmental management and evaluation
Green IT
Imperceptible Science
Innovative Construction Projects
Intelligent Transport Systems
Irradiation and Electromagnetic Pollution
Lean construction
Materials
Nanobioscience
Nanosensors
Pavements
Precision Farming
Roads and their Environment
Smart buildings
Sustainability and Eco-innovation
Sustainable Building
Sustainable Cities
Territorial Development Approaches
Transport and Mobility Networks
Tunnels and underground Works
Urban Mobility
Urban Planning and Design
Water and Sanitation

INTEGRAL AND DYNAMIC MANAGEMENT OF ORGANIZATIONS

Branding
Change Management
Competitive and Business Intelligence
Construction Project Management
Corporate Social Responsibility
Criteria for Decision-Making
Dynamic of Systems
Financial Intelligence
Knowledge Management
Lean Government
Lean Manufacturing
Lean Six Sigma
Logistics Management
Methodology TRIZ
Modeling and Simulation
Operational Research
Risk Management
Security and Health at Work
Six Sigma
Statistical Quality Control
Strategic Foresight
Strategic Marketing
Sustainable Logistics
Supplying and Supply Chains
Technological Surveillance

IMPORTANT DATES

Submission: June 9th, 2017
Notification: July 7th, 2017
Camera-ready: August 4th, 2017

PAPER SUBMISSIONS

We invite authors to submit high-quality full papers reporting original and novel research results on all above topics. Papers must be written in Spanish or English, unpublished and not submitted elsewhere. Full papers must be formatted as the standard IEEE double-column conference template and submitted exclusively in PDF on EasyChair at the CONIITI page. Maximum 6 pages are allowed for each paper, including all illustrations and references.



COBEP²⁰¹⁷

Brazilian Power Electronics Conference

CALL FOR PAPERS

The Brazilian Power Electronics Conference is one of the most important Brazilian forums for researchers in power electronics.

It is an outstanding opportunity to present your work and interact with each other, strengthening the participation of industry and academia. The 14th edition of COBEP

is being organized by the Brazilian Power Electronics Society (SOBRAEP) and by the Federal University of Juiz de Fora (UFJF).

The conference will be held in November 19-22, 2017 in the city of Juiz de Fora, state of Minas Gerais (MG), Brazil.

The main topics of the conference include:

1. Power converter topologies and design
2. Electrical machines, motor drives and motion control
3. Modeling, simulation and control in power electronics
4. Power quality, harmonics and reactive power compensation
5. Electromagnetic compatibility (EMC) and electromagnetic interference (EMI)
6. Power Electronics in Renewable energy systems
7. Power Electronics in Smart grid and utility applications
8. Power semiconductor devices, packaging, magnetic materials and passive components
9. Power Electronics in Lighting applications
10. Automotive, aerospace and transportation applications of power electronics
11. Industrial, commercial and residential applications of power electronics
12. Education and special topics in power electronics

IMPORTANT DATES 2017

02 APRIL	Opening of submission system
16 JUNE	Paper submission deadline
29 JULY	Notification of acceptance
28 AUGUST	Final paper submission

GUIDELINES FOR PAPER SUBMISSION

Prospective authors are requested to submit an English version of their papers with a size between four and six pages. The submitted manuscript must be in accordance with the conference template, which will be available at the conference website. The papers must cover the objectives of the work, its significance in advancing engineering or science, the methods and specific results in sufficient detail. Papers presented at COBEP must report original research and not have been previously presented or published.

If the paper is accepted, authors must submit a final version, in accordance with the reviewers' suggestions, before the final submission deadline. Moreover, at least one of the authors of the paper must be registered for a Full Registration. Failure to fulfill these prerequisites will impair the manuscript publication in the Proceedings, inclusion in IEEE Xplore as well as its presentation during the conference.

Authors of best papers in this conference are going to be invited to provide an extended version of their works for submission to Sobraep Brazilian Power Electronics Journal or IEEE Transactions on Industry Applications.

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Conference Secretariat

www.ufjf.br/cobep2017



4rd Latin-American Conference on Computational Intelligence

Arequipa, Peru - November 8th -10th, 2017 - Website: <http://la-cci.org/>



FIRST CALL FOR PAPERS

Organizers:

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Universidad Centroccidental "L. Alvarado"

Post-Graduate Thesis/Dissertation Contest

Students, who graduated between January 1st of 2015 and June 30th of 2017, can send their summaries (max. of 2500 words) to the Competition Chair, Diego Peluffo, at diegohpo@gmail.com

Overview:

The IEEE Latin American Conference on Computational Intelligence 2017 aims to (1) bring together the Soft Computing community to present the latest achievements and innovations in the multiple areas of Computational Intelligence; (2) to encourage participation by young researchers and, according to the LA-CCI Manifesto, (3) to provide a high-level international forum for scientists, researchers, engineers, professionals and educators to disseminate their research results and exchange views of the future directions for the area of Computational Intelligence.

Main-Tracks:

- 1) **Evolutionary & Swarm Computation:** Evolutionary Computation, Swarm Intelligence, Artificial Immune Systems, Novel metaheuristics and hyperheuristics, Memetic and Collective intelligence, Nature and Bio-inspired methods, Artificial life, etc.
- 2) **Neural & Learning Systems:** Machine Learning, Neural Computation, Complex Systems, Wavelets, Molecular and Quantum Computing, Brain-machine interfaces, Network Science, Local search methods, etc.
- 3) **Fuzzy & Stochastic Modeling:** Fuzzy Logic, Fuzzy Control & Decision Making, Fuzzy pattern recognition, Rough Sets, Uncertainty Analysis, Fractals, Game Theory, Social Simulation, Multi-agent systems, Symbolic Systems, Grey systems, etc.

Key-Speakers (confirmed):

- Pablo Estevez (Universidad de Chile – Chile & President of IEEE-CIS)
- Giuseppe Zollo (Università degli Studi di Napoli Federico II – Italy)
- Fernando Buarque (University of Pernambuco – Brazil)
- Omar Florez (Intel Labs – USA)
- Mike Preuss (University of Münster – Germany)

Submissions:

Papers should be no longer than 6 pages with original contributions, using the IEEE conference format, available at the event homepage along with other instructions. Papers can be submitted using the EasyChair system
(<https://easychair.org/conferences/?conf=2017ieeelacci>).

Publication and Special Issues:

- Accepted and presented papers will be published in the IEEE LA-CCI 2017 Conference Proceedings and submitted to IEEE Xplore®
- Top papers of IEEE LA-CCI 2017 will be published as extended versions in important journals related with CI (Including IEEE Latin America Transactions)

Important Dates:

- Submission of papers ([incl. thesis/dissertation contest](#))
- Notification of Acceptance
- Final camera-ready papers ([incl. thesis/dissertation contest](#))
- Early-bird Registration date ([mandatory for authors](#))
- Conference meeting

May 14th 2017
July 23rd 2017
August 27th 2017
(until) September 10th 2017
November 2-4th 2017

Venue:

Arequipa, a pleasant colonial and touristic Peruvian city (18.C in November), is located 1,000 kilometers southeast of Peru's capital, Lima. The town is next to three volcanoes and close to the world heritage of Machu Picchu (cultural visits will be considered on the weekend).

We are waiting for you!

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CALL FOR PAPERS



2017 IEEE INTERCON

Cusco, August 15-18, 2017

The IEEE XXIV International Congress on Electronics, Electrical Engineering and Computing – INTERCON 2017 invites you to submit a full length original research contributions from engineering professionals from industries, R&D organizations, academic institutions, government departments and research scholars from across the world.

Full length original research contributions and review articles not exceeding four pages as per the IEEE double column format shall be submitted. The manuscript should contribute original research ideas, developmental ideas, analysis, findings, results, etc. The manuscript should not have been published in any journals/magazines or conference proceedings and not under review any of them. Further the manuscript should contain the name of the corresponding author with e-mail ID and affiliation of all authors. All the submitted manuscripts will be sent for peer review and the corresponding author will be notified the outcome of the review process. If reviewers recommend for further improvements in the manuscript, the manuscript will be sent back to the corresponding author and the revised version of the manuscript shall be submitted within 15 days on the date of notification.

For detailed information on proposal and paper submission procedure, please refer to the conference website:

<http://intercon.org.pe/call-papers-intercon-2017-cusco-unsaac/>

Submission

The official language of 2017 IEEE INTERCON is ENGLISH (both written and oral presentations). Papers must be submitted in PDF and should be no longer than 4 pages, following the IEEE Conference format, available on:

http://www.ieee.org/conferences_events/conferences/publishing/templates.html

Papers can be submitted using the EasyChair System by accessing the following address:

<https://easychair.org/conferences/?conf=2017ieeeintercon>

Accepted technical and special session papers will appear in IEEEExplore Digital Library.

Important Dates

Full paper submission deadline: April 20, 2017

Notification of acceptance: June 15, 2017

Final paper submission deadline: June 30, 2017

Conference dates: August 15-18, 2017

General Chair: Santiago León-Gómez

santiago.leon@ieee.org

Technical Program Chair: Carlos Silva-Cárdenas

csilva@pucp.edu.pe

Information Contact: Beto Wong-Gálvez

beto.w.eng@ieee.org

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Organized by: Universidad Nacional de San Antonio Abad del Cusco IEEE Student Branch



For Information and Program Updates visit:
<http://intercon.org.pe/>



IEEE

CALL FOR PAPERS

PRESENTACIÓN:

El idioma oficial de 2017 IEEE INTERCON es INGLÉS (presentaciones escritas y orales). Los trabajos deben presentarse en formato PDF y no deben tener más de 4 páginas, siguiendo el formato de la Conferencia

Los trabajos aceptados contarán con un código ISBN otorgado por la Biblioteca Nacional del Perú, y también serán enviados al IEEE XPLORE DIGITAL LIBRARY.



FECHAS IMPORTANTES:

Plazo para la presentación del informe completo: 20 de abril de 2017

Fechas de la conferencia: 15 al 18 de agosto de 2017

Mayor información en: <http://intercon.org.pe/call-for-papers/>



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URUCON 2017
Congreso del Consejo del Cono Sur

CALL FOR PAPERS

23 - 25 October
Montevideo, Uruguay

IEEE URUCON 2017

The IEEE URUCON 2017 Congress on Electronics, Electrical Engineering and Computing, sponsored by IEEE South Cone Council and IEEE Uruguay, invites engineering professionals from industries, R&D organizations, academic institutions, government departments and research scholars to submit original professional presentations and full length research contributions.

Full length original research contributions and articles, not exceeding four pages as per the IEEE double column format may be submitted. The manuscript should contribute original research ideas, developmental ideas, analysis, findings, results, or relevant engineering projects. Its content should not have been published previously in journals, magazines or conference proceedings. Submitted manuscripts will be reviewed for approval, and authors will be notified.

Topics

Computing, Power, Electronics and Communications.

Topics of the conference are not limited to them, but includes all the disciplines of the IEEE.

Submission

The official language of 2017 IEEE URUCON is English, although papers in Spanish or Portuguese will also be accepted. However, only english papers accepted and presented will be submitted to the IEEE Xplore Digital Library.

Papers must be submitted in PDF and should follow the IEEE Conference format, available on:

http://www.ieee.org/conferences_events/conferences/publishing/templates.html

Papers can be submitted using the EasyChair System by accessing the following address:

<https://easychair.org/conferences/?conf=urucon2017>

Important Dates

Full paper submission deadline: July 10, 2017

Notification of acceptance: September 4, 2017

For detailed information, please refer to the conference website <http://sites.ieee.org/urucon/calls-for-papers/>

Information Contact: urucon2017@easychair.org

For Information and Program updates please visit: <http://urucon.org>



Workshop on Engineering Applications – Applied Computer Sciences



The Engineering Faculties of the Universidad Distrital Francisco José de Caldas, National University of Colombia, and Universidad Tecnológica de Bolívar, Cartagena - Colombia are glad to invite researchers, students, and practitioners on any engineering field to participate into one of their tracks of the congress which will be held in Cartagena - Colombia

Important Dates

Paper and Poster submission deadline:

April 15th 2017

Notification of acceptance:

May 15th 2017

Tutorial proposal deadline:

July 15th 2017

Final version deadline:

June 3rd 2017

Workshop dates: September 27-29th 2017

Location and Venue:

Universidad Tecnológica de Bolívar, Cartagena - Colombia

CALL FOR PAPERS

Track 1: 3rd Workshop on Applied Computer Sciences – IEEE Universidad Distrital Student Branch

Energy distribution management systems
Power and energy systems
Digital image processing (DSP)
Automation and control systems
Acoustics and vibration
Computer networks
Bioengineering and Bioelectronics
Earth sciences, geomatics and geodesy
Geolocalization and Geoprocessing
Education in engineering
Knowledge Management
TICs and Innovation on Public Management
Open Data and Linked Data
Telemedicine
Semantic WEB and WEB 3.0

Power electronics
Robotics
Communication systems
Computer science
Software engineering
Semantic web
Computational Intelligence
Climate change
Transportation systems
Innovation and TICs on Engineering Projects
Project Management
Innovation and Management on Engineering Projects
Applications
Smart Cities
Cloud Computing
Data Visualization

Track 2: Complex Systems and Simulation Environments - Institute of Industrial Engineers, Chapter 985-IIE-UD

Simulation of Social events and Behavior
Modeling and Implementation
Methodologies.
Optimization with Simulation
Agent-based Simulation
System Dynamics
Hybrid Simulation

Project Management. Enterprise Management.
Decision Processes.
Environmental Management and Sustainability.
Applications of simulation on health, transportation, manufacturing, logistics

Track 3: Internet of Things - IEEE Universidad Tecnológica de Bolívar Student Branch

Applications on Business Transformation, Manufacturing, Transportation and Logistics, Healthcare, Energy and Utilities, and Smart Cities

Frameworks and Middleware Security
Interoperability and Standards
IoT Engineering
Innovation and Technology

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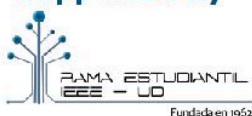


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Full Paper Submission: 7 July 2017

Notification of Acceptance: 31 July 2017

Final Paper Submission: 15 August 2017

Workshop & Tutorials: 16-17 October 2017

Conference: 18-20 October 2017



ETCM 2017

Second Ecuador Technical Chapters Meeting

SCOPE

IEEE ETCM 2017 aims to provide a comprehensive and highly prestigious venue for academics, engineers and researchers in particular from Ecuador Technical Chapters fields of expertise.

The conference covers both theoretical and practical issues related to Communications, Computing, Computational Intelligence, Control Systems, Industrial Electronics, Engineering in Medicine and Biology, Power and Energy, Robotics and Automation. Topics of interest, but not limited to, are:

SYSTEMS AND CONTROL

Adaptive Systems, Signal Processing, Embedded Systems, Fault Tolerant Systems, Identification, Predictive control.

INDUSTRIAL ELECTRONICS

Power Converters, Power semiconductors, Machines and drives, Power electronics in transportation systems, Power electronics applications

COMMUNICATIONS

Internet of Things, Communications Systems Security, Green Communications, Mobile and Wireless Networking, Next-Generation Networking, Optical Networks and Systems, Signal Processing, Access Networks and Systems, Cloud Networks, e-Health, Power Line Communications, Satellite and Space Communications

COMPUTER AND SOFTWARE ENGINEERING

Security and Privacy, Semantic Computing, Real Time Systems, Computational Intelligence, Multimedia Computing, Learning Technologies, Distributed Processing, Data Engineering and Data Science, Human Computer Interaction, Computer Vision, Software Engineering, Software Design, Software verification and validation.

COMPUTATIONAL INTELLIGENCE

Neural Networks, Fuzzy Systems, Evolutionary and Swarm Computation, Learning Systems, Data Science

POWER AND ENERGY

Transmission, Distribution, Power Generation, Power System Control & Operation, Reliability, Stability, Renewables, SmartGrids.

ENGINEERING IN MEDICINE AND BIOLOGY

Clinical Engineering, Telemedicine, Health Care, Bioinformatics, Biomechanics, Biomaterials, Bioinstrumentation, Signal and Image Processing, Biophysics

ROBOTICS AND AUTOMATION SYSTEMS

Automation, Automation in Logistics and Supply Chain Management, Sensors, Robotics, Assistive Technologies, System Integration, Sensor/Actuator Networks, Distributed and Cloud Robotics, Autonomous Vehicles, Human/Robot Interaction.

TOPICS

Accepted papers will be published in the conference proceedings and submitted for inclusion in the IEEE Xplore Digital Library. The IEEE provides SCOPUS with all of the IEEE Xplore digital library content so that the bibliographic information (what is seen on an abstract page in IEEE Xplore, including the abstract) can be made visible; it is not IEEE policy to determine what Scopus will or will not index.



sites.ieee.org/etcm-2017

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2017-2018 Editorial Calendar

# N°	Deadline Cierre de Edición	Distribution Distribución
108	Sun 20 Aug 2017	Sun 3 Sep 2017
109	Fri 20 Oct 2017	Fri 3 Nov 2017
110	Wed 20 Dec 2017	Wed 3 Jan 2018
111	Tue 20 Feb 2018	Sat 3 Mar 2018
112	Fri 20 Apr 2018	Thu 3 May 2018

