Faruk Fonthal Rico

Biografía:

IEEE (M'08, SM'12) born in Cali, Colombia in 1976. He obtained the degree of electronic engineer of the Autonomous University of West (UAO) in 1999. He did his postgraduate studies abroad with Spanish groups, Nanoelectronic and Photonic Systems (NEPHOS) at the Rovira i Virgili University (URV) and Micro and Nanotechnology group at the Technical University of Catalonia (UPC), from 2001 to 2006. In 2003, he obtained the Advanced Diploma of Electronic Technology degree (DEA) and received his PhD degree in Electronic Engineering by URV in 2006. Actually, he is Full Professor in the UAO in Cali, where he founded the advanced materials for micro and nanotechnology group (IMAMNT) since 2007. He was member of Nanoenergy Network CYTED in 2015, also member of Iberoamerican Optical Network (RIAO). Its scope is the studies of photonic materials, optoelectronic devices and electronic develops used in bioengineering applications at micro and nanoscale. He is author and co-author of more 30 reviewed scientific publications in journals and conferences.

Currently, he's treasurer in IEEE Electron Devices Society Colombian chapter; active member in the Electron Devices Society (EDS), Photonic Society, and Circuits and Systems Society (CAS); and he was General Chair of IEEE Andean Conference ANDESCON 2018.

Propuesta:

Dentro de mí propuesta como presidente del capítulo, en primer lugar es la de lograr una unidad entre los miembros para que durante el periodo electo se puedan adelantar dentro del capítulo reuniones periódicas, donde se pueda mostrar los desarrollos y avances de los grupos de investigación a los cuales pertenece cada miembro. En segundo lugar, buscar una relación con la comunidad, tratando de establecer proyectos que conlleven al mejoramiento del modo de vida para comunidades vulnerables y desplazadas en nuestras regiones, en donde se buscara establecer entre los diferentes actores académicos, sectores privados y estales una coalición a la generación de soluciones que permitan mejorar vivienda, ambiente y alimentación, pero todo con el concepto de bajo costo y proyección social. En tercer lugar, la promoción de la sociedad y el capítulo CAS dentro del territorio colombiano, buscando que se pueda llegar a diferentes instituciones y organismos, proyectando alcanzar un objetivo común que es desde las escuelas se impulse el desarrollo para crear e innovar por medio de los circuitos y sistemas electrónicos. Y, por último, lograr establecer una reunión anual en territorio colombiano donde comencemos a promover la investigación, desarrollo e innovación de nuestros miembros más jóvenes e impulsemos sus trabajos y generemos una comunidad activa dentro de la sociedad.

Within my proposal as president of the Circuits and Systems Colombian chapter, first of all, is to achieve a unity among the members so that during the elected period can be advanced within the chapter periodic meetings, where us can show the developments and progress of the research groups to which each member belongs. Secondly, to seek a relationship with the community, trying to establish projects that lead to the improvement of the way life for vulnerable and displaced communities in our regions. Where it will seek to establish a coalition among the different academic actors, private and state sectors, to generate solutions to improve housing, environment and food, but all with the concept of low cost and social projection. In third place, the promotion of CAS society and chapter within the Colombian territory, seeking to reach different institutions and organizations, projecting to reach a common goal that is from the schools to promote development to create and innovate through circuits and electronic systems. Finally, to establish an annual meeting in Colombian territory where we begin to promote the research, development and innovation of our youngest members and promote their work and generate an active community within society.