

EDITOR'S FOREWORD

Professor Weng Cho Chew, IEEE Antennas and Propagation Society (APS) President-Elect 2018, officially opened the fifth edition of the 2017 IEEE Radio and Antenna Days of the Indian Ocean (IEEE RADIO 2017) international conference that was held at the Protea Hotel by Marriott Cape Sea Point, Cape Town, South Africa from 25th to 28th September 2017. The conference was organized by the Radio Society (Mauritius) and financially sponsored by IEEE APS. IEEE RADIO 2017 was also technically co-sponsored by Union Radio Scientifique Internationale (URSI) and IEEE Region 8.

The local organizing committee comprised researchers from CentraleSupélec, France, Université de La Réunion, University of Mauritius and Square Kilometre Array (SKA) Africa. We are grateful to SKA Africa, Newton Fund, Development in Africa for Radio Astronomy (DARA), Mobile & Wireless Forum (MWF) and Computer Simulation Technology (CST) for providing financial sponsorship for the conference.

Participants from over twenty different countries spanning all the five continents, attended IEEE RADIO 2017. The conference featured two workshops and twelve regular sessions. The conference covered diverse topics such as radio astronomy, antenna design, wave propagation and scattering, couplers, waveguides and resonators, wireless communication systems, devices and circuits, computational electromagnetics, and biological effects and medical applications of electromagnetic fields. The first workshop, held on the first day of the conference, was dedicated to the global SKA project which extends to the Indian Ocean islands. On the last day of the conference, the second workshop addressed the technical and financial implications of counterfeit mobile devices. Invited talks were delivered by several internationally recognized experts and scientists.

The oral presentations of young scientists and students were evaluated by a jury. A cash prize of 300 Euros and a plaque were awarded to the Best Young Scientist less than 36 years old. Moreover, three cash prizes of 300 Euros, 200 Euros and 100 Euros as well as plaques were awarded to the first, second and third Best Student papers, respectively.

All the 2-page long papers that were effectively presented during the conference were submitted to the IEEE Xplore Digital Library. As usual, the authors of the accepted and presented conference papers were invited to submit an extended version (limited to a maximum of 4 pages) for publication as a volume in the IoP Conference Series: Materials and Engineering (MSE). The eighteen papers that were submitted were peer-reviewed by the distinguished members of the Scientific Committee. Only ten papers were effectively accepted. A major cause of rejection was insufficient additional material compared to the 2-pages paper already published on the IEEE Xplore Digital Library

Publication of the extended papers for the fifth time in the IoP Conference Series: MSE bears testimony to the high technical quality that is targeted by the RADIO series of international conferences.

Editor
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