

# Editorial Note

---

Three years of successful publication of Iranian Journal of Electrical and Computer Engineering provides a good opportunity to look back at the history of the publication of this journal. Our records show that IJECE has been successful in attracting many professional colleagues worldwide both as reviewers and authors. A moderate increase in the number of published paper in the past years and the healthy grow of the submission rates are potentially good signs of a bright future for the journal. Currently, IJECE editorial board is studying its past plans and policies as well as a proposed plan for the next three years of the journal life. Lessons should be learned about the past plans and the rate of their successes or possible failures. While the past plans for expanding the network of journal reviewers from different countries as well as the attraction of authors from different nations especially from developing countries have been brilliantly flourishing, such rate of success has not been witnessed in expanding the number of our readers from overseas.

The IJECE editorial board would like to present our sincere gratitude to all professional referees who voluntarily welcomed our invitations for performing the review tasks and for the excellent jobs and services were they presented. Especially, the reviewers who live in United States and continued or started their co-operations with IJECE and supports for this journal despite the potential threats they faced which might be resulted from the measures against scientists and organizations based on a strange interpretation of U.S. trade sanctions by related authorities.

Meanwhile, the proposed plans for the reduction of the review process period and providing the required means for expediting the presentation of novel scientific ideas in the journal using various approaches including the increase of journal periodicity publication as well as the dedication of a particular section of each journal issue to so-called short papers or correspondences are of serious concerns. Of course, bringing these ideas to reality after the approval of such plans by editorial board need much preliminary work and basis preparations which should be performed in advance. An obvious requirement for such moves is the vast increase of the involvements of our professional cooperators including the authors and reviewers. Let us speak more about this matter in future issues of IJECE.

At the final stage of the publication of this issue, it is with deep regret that I learned of the demise of Prof. Kasra Barkeshli, a respected academic member of the Electrical Engineering Department, Sharif University of Technology, Tehran, Iran. Some Iranian colleagues may not be aware that he sadly passed away following several months of illness. Peoples who had known Prof. Barkeshli including his alumni, colleagues, and friends were very much impressed with his sincere dedication to his academic life as well as a respected human being with good wills and wishes. On behalf, of the IJECE Editorial Board members I would like to express our heartfelt condolences to his family and friends. May God bless his departed sole to rest

in peace eternally and give his family strength during this difficult period. As a final point on this issue, it is noteworthy that the late Prof. Barkeshli was the co-author of a paper published in the current issue of IJECE.

Returning to the current issue, eleven papers are presented to our readers. The current issue hosts two Special Sections, namely *Special Section on Communications* and *Special Section on Power Engineering*. The first one includes five articles. The Special Section on Communications starts with a paper in the data communication area. Haghghat *et al.* present a novel model for upper bound approximation of cell loss ratio for ATM networks. In the second article, Aedudodla and Prabhu discuss a robust watermarking method for digital audio which is benefited from psychoacoustic model. The next paper presented by Lotfi Neyestanak *et al.* addresses the antenna design problem using a combinational method of genetic algorithm and fuzzy rules. Later, wideband S-L-S type interconnects are introduced for microstrip circuits in a paper authored by Khalaj Amirhosseini. Finally, a paper contributed by Meraji describes the diversity analysis of QAM and PSK signals in fading channels using MGF approach.

The first paper of the second Special Section is presented by Negm *et al.* discusses the application of optimal preview control technique in control of induction motors. The next article by Miloud and Draou explains the analysis of a rotor resistance estimator based on fuzzy logic method in an indirect vector controlled induction motor drive. Later, the analysis of unbalance due to asymmetrical loads is addressed in a paper authored by Pokorny. Finally, the Special Section on Power Engineering concludes by a paper regarding the study of microwave repeater stations protection against overvoltage by Valsalal *et al.*

The regular papers section of this issue includes two papers. An article by Zahiri and Seyedin presents a new types of classifiers based on intelligent particle swarm. Finally, this issue is concluded by a paper in control engineering field entitled a novel implementation of GEO satellite step track subsystem by Pirhadi *et al.*

Pleasant Reading,

H. R. Sadegh Mohammadi  
Editor-in-Chief