

## Editorial Note

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It is a great privilege for us as the members of the Iranian Journal of Electrical and Computer Engineering Editorial Board and Iranian academic community in the field of electrical and computer engineering, to present you the second issue of IJECE.

Overwhelming responses, congratulations and best wishes that were received by the IJECE Editorial Department after the publication of the first issue, not only strengthens our will to continue the efforts to make the IJECE a refereed and highly respected international journal, but also reinforces our determination to work harder toward providing a professional forum for dialogues among Iranian scholars and global experts community.

To achieve such momentous goals, the IJECE Editorial Board has prepared a long-term plan with specific guidelines and milestones. To be successful it requires to accomplish demanding tasks and great dedication of the IJECE peoples. An elementary stage of this plan, which has been followed from the early days of this journal, is to start a broad communication with the expert peoples who are active in the electrical and computer engineering fields worldwide. We are pleased to mention that taking a look at the names, affiliations and nationalities of the authors and reviewers of the IJECE first couple of issues confirms a good start from this point of view. Of course, so much more are needed to be done in this regard.

Becoming a pleasant sound to be heard as a pronounced refereed journal in a broader society, any journal needs to be covered by major scientific and technical indexing databases in the world. The work on this guideline of the IJECE long-term plan was started even before the publication of its first issue. Just one month after its publication, IJECE had a delightful success in this way. While it is still a long way ahead, we are pleased to announce that both the INSPEC<sup>®</sup>, a respected database in the field of electrical and computer engineering from IEE (The Institution of Electrical Engineers), and the Compendex<sup>®</sup>, a well-known database in the field of engineering from the Elsevier Engineering Information, have acknowledged their willingness to cover the IJECE journal after the evaluation of its very first issue by the affiliated scientists. The dialogue with several other institutions continues in this regard and we hope to expand our co-operations in for seeing future.

The third guideline of the IJECE long-term plan emphasizes on its accessibility. To be accessible for most researchers and scientific institutions worldwide, a journal requires to be ordered in a simple way. Although people can order the IJECE journal by direct subscription method, or just order the reprint of any particular article which they are interested in; unfortunately, the premature situation of the e-business in Iran has not permitted us to accept orders by e-payment method up to this stage yet, we hope to offer this subscription service in near future. Of course, the other way would be to present the subscriptions using the services of a major international publishing incorporation. This method is now being seriously considered as an

alternative solution by the IJECE Managing Director.

The good news for the academia is that IJECE has decided to provide complementary copies of its articles for non-for-profit research in public organizations worldwide. This service is available on the Internet, interested people may present their requests to the IJECE Operational Center by sending an e-mail to docsupply@ijece.org. This would be a helpful service, especially for the researchers in the developing countries. The other news in this regard is that the British Library is now one of the IJECE subscribers, so with the vast services that this library presents people can order a copy of any particular article of IJECE to this library; of course, by paying the relevant charges.

Another major guideline in our long-term plan points out the dedication of a special section in each issue of IJECE to a particular field of its broad scope, at least to the extent that is possible for a semiannually published journal. This has also been followed by us, starting with the current issue. Firstly, five papers of this issue are organized as a *Special Section on Communications*. Among them, the first paper by Dehgani *et al.* addresses the design of a particular digital filter in the field of signal processing. The next three articles, i.e., a paper by Habaebi and Ali, and two papers by Ahmed *et al.* discuss relevant issues in wireless communications. Finally, this special section concludes by a paper in the field of microwave authored by Khalaj Amirhosseini.

The regular paper section of this issue includes four papers. That is an article by Rao and Renganthan in the field of computer vision, followed by a paper presented by Zalis which addresses a particular subject in the power engineering, the third paper of this section is in the field of power electronics authored by Curic *et al.*, and the last paper presented by Guo and Yuan is more about a mathematical theory with a particular application in robotic as an example.

Secondly, the announcement of the call for papers for a *Special Section on Information Technology and Its Applications* planned for the second issue of 2003, is also another step towards the dedication of special sections on particular fields of interests in future, which we greatly would like to be warmly welcomed and responded by our distinguished readers.

Pleasant Reading,

M. Aref  
Associate Editor

H. R. Sadegh Mohammadi  
Editor-in-Chief