

**Invitation to Chairs of Technical Committees and IEEE Members to contribute to the  
IEEE Circuits and Systems Magazine's 'Open Column'**

The Circuits and Systems society is one of the oldest societies (>50 years young) in IEEE. Throughout her history, the society has been highly responsive to the challenges of emerging technologies, has pioneered many technological developments and will remain to continue this great tradition. The breadth or diversity of the society can be seen by the 17 technical committees embodied therein, and the 8 transactions and 3 magazines published by the society. The breadth of the society ranges from theory, analysis, design (computer aided design), practical implementation of circuits, and application of circuit theoretic techniques to systems including bioengineering and life sciences and to signal processing. The coverage of these fields includes the spectrum of activities from, and including, basic scientific theory to industrial applications.

The CAS society has been at the forefront of many significant advances in electrical and electronics engineering, and continues to spawn new advances. This is in part due to the CAS society members' prolific contributions in mathematical and physical foundations – an incubator of fundamental ideas that subsequently positively impacts electrical and electronics engineering. The society expects to continue her role in this respect and continue to be a society embodying basic, practical and multidisciplinary inter-foci synergisms of a spectrum of fields.

To further accentuate technical contributions by members of the society, the Circuits and Systems magazine is initiating a new column, entitled 'Open Column' where Chairs of Technical Committees are invited to submit articles. This column presents an opportunity for the chairs of Technical Committees to delineate some of the issues addressed by researchers in their specific research areas, including open problems along with the present and future challenges. It is hoped that this column will be a column where new and expert researchers will read an overview of the research in various fields and seek new topics for research, and stimulate new research areas.

The column editors are Professor Joseph Chang, [ejchang@ntu.edu.sg](mailto:ejchang@ntu.edu.sg), Professor Robert Newcomb [newcomb@Glue.umd.edu](mailto:newcomb@Glue.umd.edu) and Professor Stephen Wong, [STwong@tmhs.org](mailto:STwong@tmhs.org). Please direct all correspondences to Professor Joseph Chang.

## Instructions for manuscript preparation of IEEE CAS Magazine "Open Column"

The general guidelines for submission may be found at:

<http://www.ieee.org/organizations/pubs/magazines/guides.htm> and is summarized below.

The column manuscript specification is up to 6 printed IEEE pages, or up to 12 manuscript pages (1.5 pt between lines and 0.9" margins) including up to 15 references and maximum of 5 figures. Time Roman's 12 fonts or Arial's 11 fonts. Shorter (concise) titles are better and have a better chance to be selected to appear on the CAS cover.

The submission should include the following in a zip file:

- .doc file of the manuscript
- .pdf file corresponding to the .doc
- each figure in .jpg
- each figure in .pdf (or pdf file with all figures)
- contact info of the corresponding author in a text file or .doc file
- copyright form (<http://www.ieee.org/web/publications/rights/copyrightmain.htm>); fill in the first page with the title and authors, sign BY HAND, date BY HAND, scan into a .pdf file and include in the zip)

The zip file should contain **ALL** files listed above. Submit the zip file via email to Professor Joseph Chang, [ejschang@ntu.edu.sg](mailto:ejschang@ntu.edu.sg).