Back in November 2017, over 1,000 of you (1,048 to be exact) responded to our IEEE Microwave Magazine survey of readers. I thank you for taking the time to complete this.

First off, I would also like to thank Ali Darwish, one of our associate editors, for his diligent work in putting the survey together: understanding the interface, setting up the mailing list, and compiling all the survey answers took considerable effort on his part. Alfy Riddle and Mike Golio were also key members of this survey team. Hearing from you makes the effort well worth it. The hope is to offer this survey each year so that we can gauge what the readership most enjoys about the magazine.

And now for the results of the survey questions on the magazine content you find most important. More than 80% of you chose the technical features as your favorite part of the magazine and the ones you spent the most time reading.

Our “Application Notes” were second in popularity, with nearly 60% of readers regularly reading them. Columns such as “Health Matters,” “MicroBusiness,” and “Book/Software Reviews” were also popular, with 50% of you reading them regularly. The fact that so many of you find so much of the magazine content worth reading on a regular basis is acknowledgment to our writers that the time and effort they spend developing columns and technical features are appreciated. Note, by the way, that this survey was administered while Alfy Riddle was editor-in-chief, so I tip my hat to his leadership of the magazine and will endeavor to keep these numbers at such a high mark.

As the survey results indicate, our technical features are a big reason you read the magazine, and I encourage all readers to put on your writing hats and consider writing an article for the magazine. While many of our features are overviews of technology areas (and represent the best part of the magazine, according to your responses), a number of respondents also want to see more tutorial-like articles that can help improve their understanding of our exciting and dynamic field (nearly 60% of those surveyed wanted more tutorials, backed up by several written comments). If you have been working in a particular technology field for some time and find yourself mentoring young professionals in microwaves who seem to ask the same questions each year, you might consider writing a tutorial on what is clearly a good topic area. Whether an overview of technology or a tutorial, the same rigorous peer review process will apply.

In This Issue
This issue of IEEE Microwave Magazine focuses on the technical side of high-efficiency power amplifiers, but from a slightly different angle than usual. Guest Editor Dr. Frederick (Fritz) Raab organized a special session, “Nathan
Sokal and the Class-E Amplifier,” for the 2017 IEEE Microwave Theory and Techniques Society International Microwave Symposium (IMS2017). For this issue, he worked with the content authors from that session to develop their presentations into a group of feature articles. His “From the Guest Editor’s Desk” column elaborates on the feature content in more detail, but what’s particularly interesting is that these features present technical as well as some historical/biographical views of Dr. Sokal and his work.

Dr. Raab’s approach to organizing this issue, based on an IMS special session, is an excellent model to follow for those of you who would like to publish in the magazine but do not know where to start. IMS special sessions and workshops/short courses are ideal starting points for developing focused issues of the magazine. The experts in the field are already identified, and the content for the magazine has previously been organized for the presentation (and, most likely, for an audience that has a “wide dynamic range” in terms of background). With this, the fundamentals are in place to turn a presentation-based session into a published one. And, in particular, because the technical content of IMS sessions and workshops “disappears” once these sessions and workshops are over (except, perhaps, the “Workshop Notes”), what better way to make this information longer and be made available to a much wider audience than to see the material published in IEEE Microwave Magazine?

A Few Other Matters and Corrections
In addition to the six cover features, this issue also includes an article describing another winning entry in the IMS2017 Student Design Competition (SDC). Due to a misunderstanding, we failed to note clearly in the January 2018 issue listing SDC 2017 winners that there were two winning entries in the Apps for RF Nanotechnology category: “Transformation Optics” by Matteo Stocchi, Davide Mencarelli, and Luca Pierantoni, which we present in this issue, and “The Josephson Parametric Microwave Amplifier” by Michael Haider and Johannes Russer, which ran in the June 2018 issue.

In addition, our May issue included several incorrect affiliations/e-mail contacts for column contributors that I’d like to correct here:

- James Weiler (“IMS2018 Micro-Apps”) is with Curtiss-Wright, Santa Clarita, California, United States.
- Sridhar Kanamalaru (“IMS2018 General Chair’s Welcome”) is with Curtiss-Wright, Newtown, Pennsylvania, United States.
- The correct e-mail for Amr M.E. Safwat (“A Glimpse of Microwave Education and Research Activities in Egypt”) is amr_safwat@eng.asu.edu.eg.

Also, due to a production error, the photos of the 2018 RFIC Symposium organizers on page 66 of the May 2018 issue are incorrectly labeled: it is Walid Ali-Ahmad on the right and Waleed Khalil on the left.

Finally, two names on page 125 of the “Microwave Engineering in Iran’s Academia” column in the May 2018 issue are rendered incorrectly: “Prof. Reihaneh Safavi-Naeini” should be “Prof. Safieddin Safavi-Naeini,” and “Prof. Bahram Shafai” should be “Prof. Lotfallah Shafai.”

We apologize for any confusion.

In Remembrance
As many of you may know, 2018 IEEE Microwave Theory and Techniques Society President Tom Brazil passed away suddenly on 13 April 2018. His final “President’s Column” appears later in this issue. In it, he expresses some of his hopes for the MTT-S in the future, and I’m sure you’ll be pleased he had the chance to share these with members.

---

0201HL Wirewound Chip Inductors
The Highest Inductance in an 0201 Package

- Inductance values from 22 to 51 nH
- Optimized for 700 MHz LTE and 5G applications
- Twice the Q factors of thin-film multilayer technology ... up to 62 at 2.4 GHz

Full Specs & Free Samples @ coilcraft.com