



## President's Message



Nazanin Bassiri-Gharb  
IEEE UFFC-S President

Welcome to the newest issue of the IEEE Ultrasonics, Ferroelectrics, and Frequency Control Society (UFFC-S) Newsletter and the first one for 2018. As I start my two-year term as the UFFC-S President, I wish to recognize the great efforts of our immediate past-President, Clark Nguyen, and all the others serving before me. They brought us where we are today. Our Society is financially healthy; our three flagship symposia ([IUS](#), [ISAF](#) and [IFCS](#)) are maintaining or increasing their attendance; the impact factor of [IEEE Transactions on UFFC](#) (T-UFFC) has increased to 2.743 and the submission-to-e-publication time has been reduced to below four months; lastly, we had [six new IEEE fellows](#) appointed in 2017, bringing the number of our total Fellows to 121. [Read more.](#)

## UFFC-S Members Elevated 2018 IEEE Fellows



Six UFFC-S members were elevated to IEEE Fellow on 1 January 2018. Left to right: **L. Scott Smith**, **Sergei Kalinin**, **Shuji Tanaka**, **James Friend**, **David Howe** and **Kullervo Hynynen**. There is also now a [directory](#) celebrating UFFC-S members that have been honored as IEEE Fellows since 1951. *Contributed by: Susan Trolier-McKinstry.*

## New Distinguished Lecturer : Ekkehard Peik



Ekkehard Peik

Adcom has approved the Award Committee's motion naming [Ekkehard Peik](#) as the next Frequency Control [Distinguished Lecturer](#). He has been chair of the Executive Committee of the European Frequency and Time Forum EFTF since 2012, and is the German delegate to the Consultative Committee for Time and Frequency (CCTF) at BIPM. From June 1 2018 to December 31 2019, he will be available to speak about "Optical atomic clocks with single trapped ions."

Please feel free to contact [Ekkehard Peik](#) to schedule a lecture.

*Contributed by: Bernie Tittmann*

## [Student Representatives for 2018/2019](#)



Learn about the [new UFFC-S Student Representatives](#) for 2018/2019 and the ideas they have to make UFFC-S even better. Pictured from left to right: Cécile Floer, Stuart Burns and Ruochen Lu. *Contributed by: Joel B. Harley*

**[Share your talents](#)** Please feel welcome to get more involved in the UFFC organization. Current openings are announced [opportunities page](#) on our website. For more information, feel free to contact the UFFC President, the VP of your technical area, or any of the other administrative committee members [here](#). *Contributed by : Nazanin Bassiri-Gharb*

### **Also of note:**

[Ultrasound therapy developments](#) made headlines in Wired® Magazine. Attention was called to cutting-edge projects that develop ultrasound to treat tremors, heal wounds and deliver drugs.

Have a look at the new [Oral History of David Leeson](#). He is consulting professor of electrical engineering at Stanford University, Palo Alto, California and also serves as a director for wireless companies and executive officer of the Leeson Foundation. He has published seminal work on nonlinear frequency multipliers, radar, and oscillator stability (“Leeson’s Model of Oscillator Noise”).

Be inspired by chapter events in the news from IEEE UFFC [Shenzhen](#) and [Xi’an Jiaotong](#) Student Chapters.

Institutional subscribers to [IEEE Xplore](#) may now [download a whole issue at once](#). In addition, anyone may sign up for Content Alerts so that, whenever a new issue of the Transactions is published, IEEE will send you a brief email message to alert you. Please sign up for this free service. The [Content Alerts](#) may be found under the My Settings menu in IEEE Xplore.

### **Conferences in 2018:**



And read through all the other recent news at <https://ieee-uffc.org/news/>.



### **[Please tell us your stories](#)**

Please contact any of the members of the UFFC-S newsletter team if you have news to share with the UFFC-S membership. We will get news onto the website as it occurs and include selected items in the bi-annual highlight newsletters.

Contacts: Lori Bridal, Editor-in-Chief; Erdal Oruklu Ultrasonics Editor; Marco Deluca, Ferroelectrics Editor and Sheng-Shian Li, Frequency Control Editor