



UFFC-S Newsletter - June 2024

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GOOD NEWS

UFFC Member named UIA Fellow



Dr. Mark Schafer of Drexel University was named a Fellow of the Ultrasonic Industry Association (UIA) at its 52nd Annual Symposium held in Dublin, Ireland on 8 April 2024.

IEEE UFFC France Chapter Finally Founded



Photo details: Serge Dos Santos, PhD is Vice President (VP) of Technical Activities for IEEE France and will assume the Chapter Chair position until elections.

UFFC-S had never had a chapter in France even if several international conferences such as IEEE IUS 2026 Tours, EFTF-IFCS 2017 Besançon, ISAF 2022 Tours were organized in France by several IEEE members of the UFFC-S. We finally corrected that and formed the UFFC France Chapter in early 2024. A key aim of the chapter is to provide an attractive forum for technical growth and professional networking for the France-area UFFC community.

For those readers that are local to the France area, consider joining us at an upcoming event and volunteering to help build a great chapter. Kick-off meeting is scheduled on May 2nd 2024 close to Tours area, in the Centre Val de Loire Region. We are also looking to partner with other chapters for future events. Contact Serge Dos Santos, INSA CVL (serge.dossantos@ieee.org, LinkedIn, Collabratec) to learn more.

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The 17th Symposium on Piezoelectricity, Acoustic Waves, and Device Applications (SPAWDA 2023)



The 17th Symposium on Piezoelectricity, Acoustic Waves, and Device Applications (SPAWDA 2023) with over 300 participants was held successfully at Sichuan University, Chengdu, China, 10-12 November, 2023. As the tradition, the Symposium is sponsored by the Chinese Society of Theoretical and Applied Mechanics (CSTAM) and the IEEE Ultrasonics, Ferroelectrics, and Frequency Control Society (IEEE UFFC-S), and this year the Symposium was organized by Sichuan University, Chengdu University, and Sichuan Normal University. Professor Taiping Hou, also Vice President of Sichuan University, Professor Qingyuan Wang, Also President of Chengdu University, Professor Ning Hu, also Vice President of Hebei University of Technology, Professor Wentao Jiang, also Vice President of Sichuan Normal University, and Professor Qingguo Meng of National Natural Science Foundation (NSFC), attended the Symposium. Professors Weiqiu Chen of Zhejiang University and Ji Wang of Ningbo University, who is also the representative of the IEEE UFFC to SPAWDA, also presented at the Symposium. There were over 300 participants in the SPAWDA 2023 from over 60 universities, research institutes, and 10 corporations in the SPAWDA 2023.

[Read More](#)

IEEE UFFC Offers Support to Attend the NIST Time and Frequency Seminar



Through the generous support of the IEEE UFFC Society, the NIST Time and Frequency Seminar is delighted to announce an opportunity for students and early-career colleagues who are new to the field of time and frequency metrology to obtain financial support to attend the NIST Time and Frequency Seminar.

This year's seminar is to be held in Boulder, CO, from **13 to 15 August 2024**.

The seminar lectures will cover topics on timekeeping and time distribution, oscillator measurement definitions and concepts, time and frequency domain measurements and analysis, direct digital measurements, stability analysis, GNSS, Position Navigation and Timing (PNT), atomic clocks, network timing, and more. The agenda for this year's seminar is linked below.

Candidates must submit their resume and cover letter that explains their interest in attending the seminar and the expected benefit of their attendance by email to benjamin.walker@nist.gov by **1 July 2024**. Candidates from underrepresented regions are especially encouraged to apply. Awardees must be members of IEEE and the IEEE UFFC Society, links below.

Applicants will be evaluated based on intellectual merit as well as their potential for future impact on the field of time and frequency metrology. Awardees will be notified of their selection for the program by 8 July 2024 and will be directly reimbursed for their seminar registration and travel expenses by the IEEE UFFC Society through the Concur System.

Please send any questions or concerns to tfsemina@nist.gov

2024 Time and Frequency Seminar

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UFFC SOCIETY UPDATES

IEEE UFFC-S Launches CATAVault



CATAVault is the cutting-edge UFFC-S (Ultrasonics, Ferroelectrics, and Frequency Control Society) video library, revolutionizing the way educational content is delivered to the global community of researchers, professionals, and students. With an extensive collection of webinars, tutorials, conference presentations, and more, CATAVault is designed to empower individuals with an immersive learning experience in the fields of ultrasonics, ferroelectrics, and frequency control.

[Visit IEEE UFFC CATAVault](#)

[Reset Password](#)

Ongoing Calls for Volunteers



UFFC-S is seeking dedicated volunteers to offer their time and service in positions within the IEEE Ultrasonics, Ferroelectrics, and Frequency Control Society.

If you are a committee chair and would like to submit an open volunteer application to be posted on the Volunteer Opportunities page, please click [here](#).

Senior Membership

If you have 10+ years of work or research experience, you can apply for Senior Membership!

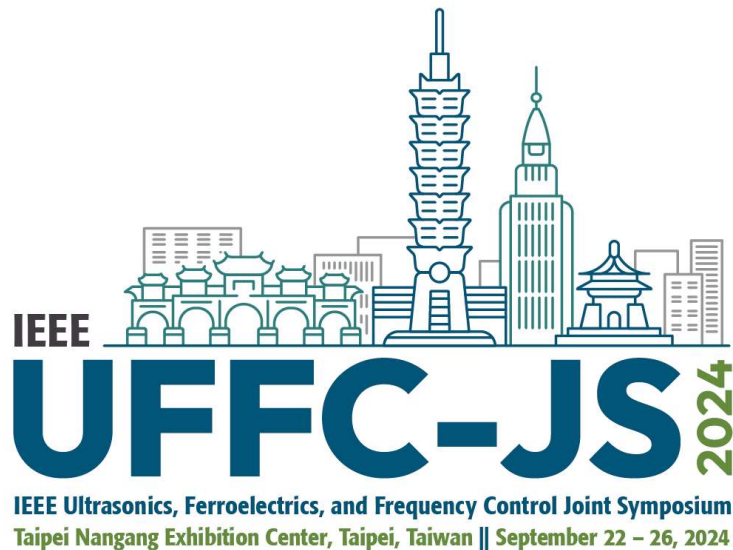
Senior membership is not just a recognition of your experience in the community, but also makes you eligible for executive IEEE volunteer positions, allows you to sit on review boards, and makes you eligible for fellowship.

Full IEEE members with 10 years of professional experience, including credit for degree programs are eligible to apply for senior membership. You can receive 3 years of credit for a bachelor's degree, 4 for a master's, and 5 for a PhD towards this requirement. UFFC-S encourages all eligible members to apply for senior membership.

[Apply Here](#)

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SYMPOSIA



The 2024 **IEEE Ultrasonics, Ferroelectrics, and Frequency Control** Joint Symposium will take place **September 22 – 26, 2024** at the Taipei Nangang Exhibition Center in Taipei, Taiwan. This joint conference celebrates the 70th anniversary of the IEEE UFFC Society.


For more information, please visit the UFFC-S website below.


[2024 UFFC Joint Symposium](#)

[Submit a Late News Abstract](#)

2024 IEEE UFFC South Asian Ultrasonics Symposium (SAUS) Recap



: 27 March 2024 – 29 March 2024

: Gandhinagar, Gujarat, India

The 1st **IEEE South Asian Ultrasonics Symposium (SAUS)** 2024 was held at the Indian Institute of Technology (IIT) Gandhinagar, Gujarat, India from 27th to 29th March 2024, with pre-conference tutorials on the 26th. The symposium was a great success with 152 in-person attendees and 10 online participants. The program included 45 podium presentations and 58 flash talks with poster presentations, along with 4 keynote and 8 invited talks from leading researchers and clinicians from across the world. The poster sessions, industry exhibits, and young professionals events fostered valuable interactions and networking opportunities for the attendees. The participants were also immersed in a vibrant cultural performance of Gujarati folk dance. Thanks to the participants and sponsors for a successful inaugural IEEE SAUS! More information and highlights can be found below.

Conference Highlights

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Women in Engineering (WiE)

IEEE WIE Family Cares Grant Program



The IEEE WIE Family Cares Grant Program was established to promote and enable attendance at IEEE conferences, especially by persons whose financial obligations to care for family members may prevent their attendance, by covering the cost of their family care responsibilities (children, seniors, disabled) up to \$1,000 USD.

This grant will be available to all IEEE members of any grade, of any gender,

based on need and the desire to attend an IEEE conference and have competing family care responsibilities. These responsibilities can include but are not limited to, childcare, sick care, and elderly care. Applicants can apply each year, however, applicants who have not previously received the IEEE WIE Family Cares Grant will be given priority and a recipient may only receive this grant once every three years.

[Submissions Window: 3 June – 12 July 2024](#)

[Learn More](#)

PUBLICATIONS

IEEE TRANSACTIONS ON ULTRASONICS, FERROELECTRICS, AND FREQUENCY CONTROL

[View the T-UFFC Current Issue](#)

Calls for Papers for Upcoming Spotlight Issues

Detecting, and Modulating Cellular Functions with Ultrasound

This issue aims to collect original research, tutorials, full-length reviews, and perspective papers (mini reviews) to promote the publication and dissemination of a wide range of technical knowledge on the theme of ultrasound visualization, detection, and modulation of cellular functions and its associated preclinical applications. Original research manuscripts submitted to this Spotlight Issue are expected to be full-length articles that report new and significant research advances.

Submission Deadline: 31 October 2024

[View the T-UFFC Call Board](#)



Publication

**IEEE Open Journal of Ultrasonics,
Ferroelectrics, and Frequency Control Society**

[View the OJ-UFFC Current Volume](#)

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JOB MARKETPLACE

To advertise a job on the UFFC-S Job Marketplace, please submit the job information to our [IEEE UFFC Job Submission Form](#).

For any questions, please contact: uffc-admin@conferencecatalysts.com.

KEEP IN TOUCH

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 quarterly highlight newsletters. Finally, in addition to the usual notices and updates we share, we're keen to promote good news and successes from across our society. If you or those you work with have received an award, successfully defended their Ph.D. thesis, secured funding for an exciting new initiative, please get in touch! You can see all our news items on our web pages or by following our social media accounts.



Arun Thittai, Newsletter Editor-in-Chief

Kartik Sondhi, Newsletter Deputy Editor in Chief

Erdal Oruklu, Ultrasonics Editor

Julia Glaum, Ferroelectrics Editor

Srinath Rajagopal, Web Editor-in-Chief

Andrew Feeney, Publicity Chair

Wei-Chang Li, Frequency Control Editor

Social Media

We're very keen to build our social media presence both to promote our society and to share news items with our community. Please add our pages to your networks and promote our posts so we can continue to reach as wide an audience as possible.

Whitelist UFFC-S Email

Please remember to whitelist the UFFC-S Administrator email address, uffc-admin@conferencecatalysts.com, to ensure that you are receiving the UFFC-S administrative email communication. For more information on how to whitelist an email address, click [here](#).

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