



CALL FOR PAPERS

IMPORTANT DATES

January 31st, 2022

Submission Open

April 8th, 2022

Abstract Submission Closes

June 13th, 2022

Notification to Authors

October 10th, 2022

Short Courses

October 11th-13th, 2022

Technical Program



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The 2022 IEEE International Ultrasonics Symposium will mark the conference's diamond jubilee, celebrating 60 years. At the same time, the nearby University of Padova, founded under the patronage of the Republic of Venice, will be celebrating its 800th anniversary.

Marking these occasions, the 2022 IEEE International Ultrasonics Symposium will be held October 10-13 at the Venice Convention Center in Venice, Italy with a hybrid option providing on-line access for those attending virtually. The Venice Convention Center, best known as the venue for the Venice International Film Festival, is only about 30 minutes from the city center, famed for its architecture, gondoliers, rich history and overwhelming beauty and charm.

Among the many forums for exciting exchanges:

Opening Plenary: "Waves in time dependent systems" by Sir John Pendry, Imperial College London, a paradigm-breaking researcher in nano-optics who has demonstrated how wave properties hold the key to making objects optically invisible.

ULTRA-SR Challenge: Super resolution (SR) ultrasound enables sub-diffraction resolution imaging through microbubble localization and tracking. To increase the impact and improve benchmarks for this novel type of imaging, participants will pit their best SR methods against others in this challenge.

And of course, much, much, more, including Short Courses, Invited Talks, Awards, Industry Exhibits, Networking Events, Clinical Session, and Technical Sessions focusing on your contributed abstracts!

Abstracts should be submitted according to the information posted on the conference web page. Each abstract will receive careful review and evaluation by the symposium Technical Program Committee based on originality of the work, contribution to the state of the art and overall interest to the ultrasonics community. Papers are solicited describing original work in the field of ultrasonics.

» **Group 1: Medical Ultrasonics**

» **Group 2: Sensors, NDE & Industrial Applications**

» **Group 3: Physical Acoustics**

» **Group 4: Microacoustics – SAW, FBAR & MEMS**

» **Group 5: Transducers & Transducer Materials**

STUDENT PAPER COMPETITION & TRAVEL SUPPORT

Students submitting abstracts are invited to participate in a student paper competition. To participate, the student must be the lead author and present their paper. Limited funds are available to support travel for IEEE UFFC student member attendees at the 2022 symposium. Awards will be given on a competitive basis.

Please see the conference website for details on these opportunities for students.