

Welcome to IEEE Radio & Wireless Week 2020

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A s chair and cochair for IEEE Radio & Wire-Iess Week (RWW) 2020, we would like to welcome you to the city of San Antonio, Texas. This 14th annual RWW is being held at the Grand Hyatt Hotel on the famous San Antonio Riverwalk. The venue is located in the second most populous city in Texas as well as the southern United States and offers easy access to numerous attractions, celebrated restaurants,

award-winning local craft breweries, specialty shops, pro sports, cultural museums, and top entertainment. San Antonio is a great location for an event such as RWW. The area has average highs of roughly 62 °F (17 °C) in



January, with the lowest average rainfall of any month of the year [1]. The San Antonio International Airport (SAT) serves the Greater San Antonio metropolitan area and is located in Uptown Central San Antonio, approximately 8 mi north of downtown. SAT is a short 1-h flight from Dallas-Fort Worth International Airport, a major international hub. A listing of things to see and do on the Riverwalk and surrounding areas can be found at the Visit San Antonio website, https://www.visitsanantonio.com/ downtown/, and also in the "Things to Do in San Antonio" column on page 22 in this issue.

RWW is one of the central meetings for the microwave community and spans four days, 26–29 January. RWW is preceded by, and helps support, the 2020 IEEE International Microwave Symposium Technical Program Review Committee meeting and the IEEE Microwave Theory and Techniques Society (MTT-S) Administra-

tive Committee meetings. RWW will again be co-located with the winter meeting of the Automatic RF Techniques Group (ARFTG). This year, five co-located conferences will be held at the Grand Hyatt:

- the 2020 IEEE Radio and Wireless Symposium
- the 20th Topical Meeting on Silicon Monolithic Integrated Circuits in RF Systems
- the IEEE Topical Conference on RF/Microwave Power Amplifiers (PAWR)

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- the IEEE Topical Conference on Wireless Sensors and Sensor Networks
- the IEEE Space Hardware and Radio Conference (new in 2020).

RWW 2020 at a Glance

Our traditional RWW program will again include technical papers presented in both standard podium presentations and a series of poster sessions (Figure 1). RWW 2020 has planned four Sunday afternoon workshops (a halfday each), a special track on Monday for Distinguished Lecturers, and a demo session. During the plenary session on Tuesday morning, speakers will present interesting and inspiring talks that focus on vehicular communications and satellite solutions. In addition, the winners of the student competitions will be announced. RWW and ARFTG exhibitors will be co-located in the exhibitor area (Figure 2), so please take time to visit the exhibits and learn more about the latest software and hardware innovations impacting our field.

Co-Location with ARFTG

Following last year's successful colocation with RWW, the 94th ARFTG Microwave Measurement Conference, will again be held during RWW



Figure 1. RWW 2020 will feature traditional podium as well as poster presentations.



Figure 2. RWW 2020 will include a joint RWW and ARFTG exhibitor area.

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2020. ARFTG is the premier conference focused on RF, microwave, and millimeter-wave (mm-wave) measure-

ments, calibration, and uncertainty. Technical papers are presented on advanced measurement techniques, measurement standards, and linear and nonlinear device characterization and modeling. The ARFTG symposium includes the ARFTG Conference itself with IEEE archived technical papers, a series of short

courses on microwave measurements, a joint exhibition with RWW 2020, and IEEE standards meetings. For more information, please see the "ARFTG Microwave Measurement Symposium in San Antonio" column on page 24 in this issue and visit the ARFTG web-

ARFTG is the premier conference focused on RF, microwave, and millimeter-wave measurements, calibration, and uncertainty. site: www.arftg.org. We hope RWW 2020 will be a gathering where attendees will be inspired by the diverse technical content, which might spark ideas for future research and product development.

"IoT Meets the mm-Wave Frontier"

For the third year, the

MTT-S and the RWW Steering Committee are partnering with the multi-Society IEEE Internet of Things (IoT) Initiative to host the IoT summit, "IoT Meets the mm-Wave Frontier." The meeting will bring together participants from industry, academia, and the public sector to explore IoT and Internet of Space technology developments to benefit society. Up-to-theminute details on this meeting can be found at https://RWW 2020.iot.ieee .org/.

Student Events

Always a highlight, a student paper competition will again be featured as a way to support and encourage students to pursue a career in the wireless area. On Monday morning, all of the finalists will provide an oral elevator-pitch-style presentation to a group of judges. They will also present their work in that afternoon's traditional poster session. Other activities for students and young



Figure 3. Awards for the student competition will be presented at the Tuesday plenary. Pictured are RWW 2019 student competition winners.



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Figure 4. The Monday evening reception is always a highlight for RWW attendees.

professionals are in the planning stages and promise an exciting and active symposium. The awards for the student competition will be presented at the Tuesday plenary (Figure 3).

Social Events

On Monday evening, we will host our traditional reception (Figure 4), where exhibitors and attendees wrap up their first day, with talks from various RWW 2020 and/or ARFTG presenters at the PAWR panel. We plan to host another Young Professionals Panel Workshop, where senior executives from nearby companies will speak on a specific topic relevant to young engineers and scientists in the community (Figure 5). A Tuesday evening reception is currently being discussed, with a focus on young professionals. Technical demonstrations are in the planning stages at the time of this writing.

A Note of Thanks

Finally, we would like to recognize and thank all of those on the RWW 2020 Steering Committee for their volunteer



Figure 5. Working professionals discuss career topics at the Young Professionals Panel Workshop.

time and effort in helping to bring RWW 2020 to fruition. The RWW 2020 Steering Committee members come from IEEE Regions 1–6 and 8–10. The Technical Program Committee members represent all 10 IEEE Regions, giving RWW 2020 a truly international reach and flavor. We hope to see you in San Antonio, Texas, at RWW 2020, 26–29 January, for four days of great technical presentations, discussions, and networking. Find out more at the RWW 2020 website: https://radio wirelessweek.org/.

Reference

 U.S. Climate Data, "Climate San Antonio— Texas." [Online]. Available: https://www.usclimatedata.com/climate/san-antonio/texas/ united-states/ustx1200

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