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This workshop will host researchers and engineers interested in the explosive field of RF and hybrid energy-harvesting technology.

Topics Include

- RF energy-harvesting techniques
- Multi-sine and power optimized waveforms
- Low-power charge pumps
- Charge management systems
- Hybrid sources involving combinations of RF, solar, thermal, vibration, others
- Ambient RF energy scavenging
- Applications involving energy-harvesting
- Battery charging and supercapacitors
- Energy-investment schemes for harvesting
- *Hardware Demonstrations Welcome!*

Types of Submissions:

- Papers (3-8 pages, peer-reviewed, submissions due 19 January 2021)
- Abstracts (half-page, lightly reviewed)
- Tutorials, Panel Sessions, and Demonstrations

Check the IEEE RFID 2021 conference website (2021.ieee-rfid.org) for announcements, student travel grant opportunities, conference program, and more. Participation and attendance in the Energy Harvesting Workshop is included for IEEE RFID 2021 registrations.



Submission Types:

Abstracts and Demonstrations: lightly-reviewed summaries of proposed oral or poster presentations. Submit abstracts via e-mail to Prof. Stewart Thomas (stt015@bucknell.edu).

Full Papers: peer-reviewed manuscripts intended for publication on IEEEExplore. Manuscripts should be 3-8 pages, submitted by the advertised conference deadline (18 January 2021). See website call-for-papers for instructions.

Tutorials: proposals for tutorials on the relevant workshop topics. Submit a written summary, expected duration, expected technical background of attendees, prior presentations by presenter of similar tutorials, and speaker bio. Submit proposals via e-mail to Prof. Alanson Sample (apsample@umich.edu).

The IEEE RFID conference series is co-located with RFID Journal LIVE!, the largest tradeshow for the RFID industry. IEEE RFID 2021 attendees have unlimited access to the trade show floor during the conference. IEEE RFID has over 50% industry attendance and is a unique, high-quality venue for disseminating research.

This year's IEEE RFID conference will have a **hybrid format**. We plan to hold our meeting in Atlanta, GA, but all presenters are expected to produce short, pre-recorded talks for on-demand online viewing. For maximum safety, the conference will accommodate the presenters' preferences for either virtual or in-person presentation.