

WISEE 2020

The 8th Annual IEEE International Conference on Wireless for Space and Extreme Environments

October 12-14, 2020 | Vicenza (Venice - Italy)

Now Virtual

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Topics of interest

- Artificial intelligence and deep learning in space
- Wireless sensors, systems, and networks
- Delay and disruption tolerant networks
- Network architectures, middleware data management
- Big data processing and data fusion techniques
- Wireless privacy, security and routing techniques
- Localization, detection, classification & tracking
- Antenna design and processing
- Integrated vehicle systems and robotics
- RFID devices and systems
- Propagation modeling and channel description
- Optical communication systems
- Availability, certification, and spaceflight qualification for wireless devices and systems
- Multi-carrier systems, spread spectrum techniques, cognitive radio networks, emerging technologies
- High speed, low latency, multi-stream data techniques (full-duplex, LTE, MIMO)
- Space cyber security

Submission formats

Full papers (6 pages 2-col IEEE Style)
Posters (1 page 1-col IEEE Style)
Presentation only (1 page Workshop Specific).
Full papers that are presented by registered authors at the conference will be sent to IEEE Xplore for publications.

- Innovative concepts for the use of space for positioning and timing: GNSS and beyond (be-GNSS)
- Revolutionary Ways to Explore and Visualize Extreme Environments: Space and Beyond (ReWEVEE)
- Radiation Effects in Wireless Applications (REWA)

Accepted Workshops

- Passive Wireless Sensor Technology (PWST)
- Space-Terrestrial Internetworking (STINT)
- Sensors in Target Detection (STD)
- Space Solar Power (SSP)
- Space Weather (SW)

WiSEE 2020

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Important Deadlines:

Submission: July 30, 2020

Acceptance: Aug 20, 2020

Final papers: Sep 15, 2020

Early registration ends:

Sep 15, 2020

Contact: wisee20-chairs@edas.info

attend.ieee.org/wisee-2020