



CALL FOR PAPERS

Special Session

Telemetry and Signal Processing for Synthetic Aperture Radar (SAR)

Organizer

Farohaji Kurniawan, *National Institute of Aeronautics and Space, Indonesia*

Nowadays, synthetic aperture radar (SAR) has become more popular. Well-known SAR sensors are more adaptable in any kind of situation, day or night and all weather conditions. SAR sensors also provide high-resolution images. This advantage could not be found in optical sensors, which are very dependent on the weather condition and daylight situation. Therefore, the SAR system that are being developed are smaller and more compact in size, such that it is possible to be placed on the aircraft and unmanned aerial vehicles (UAV). Likewise, the method of data processing and communication/telemetry system on the SAR system, have experienced very rapid development. The progress in any respect related to the telemetry and signal processing for the SAR system will be highly anticipated and useful in the future. The latest developments of telemetry and suppression of SAR signals are of interest and cover the following topics, but not limited to:

- Microstrip antenna
- Communications antenna
- Communications system
- SAR data transfer technique (Tx / Rx)
- All topics related to SAR system
- SAR data processing
- SAR platform design (e.g. UAV, MALE, HAPS)

IMPORTANT DATES

Special sessions submission deadline: ~~January 21, 2020~~
February 17, 2020 (Final)

Acceptance notification : March 16, 2020

Camera-ready deadline : March 30, 2020

More Info <http://ict-20.org>

SUBMISSION GUIDELINES

Acceptance will be based on full paper. Prospective authors are invited to submit high-quality original technical papers **following the rules of the Main Track**. All presented papers will be published in **ICT 2020 Proceedings** and **submitted to IEEE Xplore**.

Submit your paper to: <https://edas.info/N26920>

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