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# **Physical-Layer Security in Drone Communications**

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## **Message from the Guest Editors**

Drone communications face increased vulnerability to impersonation and eavesdropping. Physical-layer security (PLS) offers high security and low complexity. This Special Issue explores PLS solutions for drone communications, including:

- Physical-layer wireless key generations in drone communications;
- Radio frequency fingerprinting of drones and legacy authentication:
- Wireless channel feature-based legacy authentication in drone communications;
- 3D beamforming-based secrecy enhancements in drone communications:
- Imperfect knowledge from eavesdropper-related issues;
- Drone jitter and its impacts on PLS;
- Security and beneficial trajectory design of drones;
- Relay and jamming-assisted PLS drone communications;
- Experimental methodology and designs in PLS drone communications;
- Field tests related to PLS of drone communications.











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# **Message from the Editor-in-Chief**

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There is a need for high quality papers in this area and the *Drones* Editorial Board are widely recognized international leaders. *Drones* journal guarantees a serious peer review and a rapid publication across the whole discipline of drones.

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