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## Satellite Quantum Communications

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Deadline for manuscript  
submissions:

**closed (20 July 2022)**

### Message from the Guest Editor

Dear Colleagues,

Long distance quantum communications are of fundamental importance today, due to their applications to secure communication, such as quantum key distribution, quantum authentication and quantum digital signature, as well as to fundamental physics, like long distance entanglement distribution, quantum teleportation, and the study of gravitational effects on quantum states. Besides these applications, quantum communications are a fundamental prerequisite for the realization of quantum networks, toward a future quantum internet.

The MDPI journal *Sensors* has decided to address this flourishing research topic by launching a Special Issue dedicated to satellite quantum communication. This issue will gather both theoretical and experimental contributions in this emerging field.

For more information, please visit: [mdpi.com/si/84743](https://mdpi.com/si/84743)

Dr. Daniele Dequal  
*Guest Editor*



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# Special Issue



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## Message from the Editor-in-Chief

*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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