



## Satellite Quantum Communications

Guest Editor:

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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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## Message from the Editor-in-Chief

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