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Type: **Invited talk**

## The Revolution of Quantum Information

*Tuesday, 30 August 2022 16:55 (25 minutes)*

In this talk, I will discuss how Quantum Physics give us a new type of information, and how it can be exploited to develop new and revolutionary paradigms for computation, communications, and sensing. Furthermore, I will discuss the state of the art of this novel domain, and the challenges and opportunities lying ahead.

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**Session Classification:** RT4 YM Roundtable – Quantum and New Technologies

**Track Classification:** Round Tables: RT3 YM Roundtable – Quantum and New Technologies