

## Special Issue

# Electron Quantum Optics in a Quantum Information Perspective

### Message from the Guest Editor

In recent years the possibility to create, manipulate, and measure single- to few-electron quantum states opened the way to the field of electron quantum optics. This branch of research has now reached a high level of maturity, making it possible to envisage the application of these propagating electronic wave-packets as flying qubits able to carry the information enclosed into a static qubit and transfer it unaffected along quantum circuits. In this spirit, the present Special Issue is devoted to collecting the current experimental and theoretical state-of-the-art on this subject to settle a common ground for a new phases of electron quantum optics aimed at reaching an high level of control of individual electronic quantum states.

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### Guest Editor

Dr. Dario Ferraro

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### Deadline for manuscript submissions

closed (12 July 2021)



## Entropy

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### Message from the Editor-in-Chief

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### Editor-in-Chief

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