

## Special Issue

# Matter-Radiation Interactions— In Memory of Professor Francesco Saverio Persico

### Message from the Guest Editors

This Special Issue is dedicated to the memory of our colleague and friend Professor Francesco Saverio Persico, who passed away in 2017. He has been Professor of Theoretical Physics at the University of Palermo, Italy. He has given fundamental contributions to theoretical condensed matter physics, quantum optics, quantum electrodynamics, atomic and molecular physics. This Special issue will include **original papers and review papers** on subjects related to the research fields where Prof. Persico has been active, mainly atom-radiation interaction, quantum vacuum fluctuations, Casimir and Casimir-Polder interactions, radiation-mediated intermolecular interactions, spin-phonon interactions, atomic and molecular physics in strong external electromagnetic fields, high harmonic generation and nonlinear quantum mechanics, laser interaction with molecules and nanomolecules, superradiance, and in general in the fields of quantum optics and quantum electrodynamics, atomic and molecular physics, as well as condensed matter physics. All these research subjects are still very active subjects of the current research in theoretical and experimental physics.

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### Guest Editors

Prof. Dr. Pietro Paolo Corso

Prof. Dr. Roberto Passante

Dr. Lucia Rizzuto

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### Deadline for manuscript submissions

closed (31 August 2024)



## Physics

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