

# Francesco Mattiotti

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## *Publications*

### Publications on peer-reviewed journals

- [2] Fausto Borgonovi, Francesco Mattiotti, and Felix M. Izrailev. Temperature of a single chaotic eigenstate. *Phys. Rev. E*, 95:042135, Apr 2017.
- [1] Giulio G. Giusteri, Francesco Mattiotti, and G. Luca Celardo. Non-hermitian hamiltonian approach to quantum transport in disordered networks with sinks: Validity and effectiveness. *Phys. Rev. B*, 91:094301, Mar 2015.

### Conference proceedings

- [1] G. L. Celardo, A. Biella, G. G. Giusteri, F. Mattiotti, Y. Zhang, and L. Kaplan. Superradiance, disorder, and the non-hermitian hamiltonian in open quantum systems. *AIP Conference Proceedings*, 1619(1):64–72, 2014.

### Preprints

- [2] Marco Gullì, Alessia Valzelli, Francesco Mattiotti, Mattia Angeli, Fausto Borgonovi, and Giuseppe Luca Celardo. Macroscopic coherence as an emergent property in molecular nanotubes. *arXiv preprint arXiv:1807.06925*, 2018.
- [1] Nahum C. Chavez, Francesco Mattiotti, JA Mendez-Bermudez, Fausto Borgonovi, and G Luca Celardo. Real and imaginary energy gaps: a comparison between single excitation superradiance and superconductivity. *arXiv preprint arXiv:1805.03153*, 2018.

Via Prezzolaro, 18 – 25080 – Manerba del Garda (BS)

☎ +39 334 9342183 • 📞 +39 0365 552137

✉ [mattiottifrancesco@gmail.com](mailto:mattiottifrancesco@gmail.com)