


# Carmelo Mordini

---

## About

 Postdoc researcher at the [BEC Center](#) in Trento.

 <https://www.linkedin.com/in/carmelo-mordini/>

 <https://github.com/carmelom>

 [carmelo.mordini@unitn.it](mailto:carmelo.mordini@unitn.it)

## Education

- 2015 – 2019 **PhD in Physics** – University of Trento  
Date: 21/06/2019
- 2010 – 2015 **Diploma di Licenza** – Scuola Normale Superiore, Pisa  
Date: 19/12/2016
- 2013 – 2015 **Master degree in Physics** – University of Pisa  
Date: 21/10/2015
- 2013 – 2015 **Bachelor degree in Physics** – University of Pisa  
Date: 25/07/2013

## Publications

F. Dalfovo, R. N. Bisset, C. Mordini, G. Lamporesi, and G. Ferrari; J. Exp. Theor. Phys. **127**, (2018), [10.1134/S1063776118110018](#).

G. Colzi, E. Fava, M. Barbiero, C. Mordini, G. Lamporesi, and G. Ferrari; Phys. Rev. A **97**, 053625 (2018), [10.1103/PhysRevA.97.053625](#).

E. Fava, T. Bienaimé, C. Mordini, G. Colzi, C. Qu, S. Stringari, G. Lamporesi, and G. Ferrari; Phys. Rev. Lett. **120**, 170401 (2018), [10.1103/PhysRevLett.120.170401](#).

T. Bienaimé, E. Fava, G. Colzi, C. Mordini, S. Serafini, C. Qu, S. Stringari, G. Lamporesi, and G. Ferrari; Phys. Rev. A **94**, 063652 (2016), [10.1103/PhysRevA.94.063652](#).

## Conferences and seminars

- 15/07/2019 **Workshop on Quantum Mixtures** – University of Trento  
Organizers: Franco Dalfovo, Stefano Giorgini, Alessio Recati (Università di Trento), Christophe Salomon (LKB, Paris), Tin-Lun Ho (Ohio State University)  
<http://bec.science.unitn.it/qmix2019/>
- 22/07/2018 **ICAP 2018 – International Conference on Atomic Physics** – University of Barcellona, Spain  
Organizers: University of Barcellona, ICFO – Institute for Photonic Sciences  
<http://icap2018.eu>
- 31/08/2016 **BEC2016 – Quantum gases and quantum coherence** – University of Salerno, Italy  
Organizers: F. Chevy (ENS, Paris, Fr), R. Citro (UniSa, Salerno, Italy), G. Lamporesi (INO-CNR BEC, Italy)  
<http://bec2016.physics.unisa.it/>

- 21/02/2016 **International Conference on Quantum Optics 2016** – Obergurgl, Tirol (Austria)  
Organizers: Hanns-Christoph Nägerl (University of Innsbruck)  
<https://www.uibk.ac.at/th-physik/obergurgl2016/>
- 07/07/2015 **Introductory Course on Ultracold Quantum Gases** – Institute of Quantum Optics and Quantum Information (IQOQI), Innsbruck  
Organizers: Francesca Ferlaino, Rudolph Grimm (University of Innsbruck)  
[https://www.uibk.ac.at/sp-physik/events/introductory\\_course\\_ultracold\\_quantum\\_gases\\_2015/index.html.en](https://www.uibk.ac.at/sp-physik/events/introductory_course_ultracold_quantum_gases_2015/index.html.en)
- 22/06/2015 **Cold atoms meet High Energy Physics** – ECT\*, Villazzano, Trento  
Organizers: Sandro Stringari (Università di Trento)  
<http://www.ectstar.eu/node/1292>
- 12/01/2015 **International Winter School and Workshop on “Strongly correlated fluids of light and matter”** – ECT\*, Villazzano, Trento  
Organizers: Iacopo Carusotto (Università di Trento)  
<http://www.ectstar.eu/node/1217>

---

## Teaching Experience

- Sept 2019 **Teaching assistant - Laboratorio di Fisica II**  
Mar 2020 Department of Physics  
Professor: W. Weber
- Sept 2016 **Teaching assistant - Fisica I**  
Giu 2017 Department of Physics  
Professor: F. Dalfovo
- Mar 2016 **Teaching assistant - Fisica I**  
Sept 2016 Department of Civil, Environmental and Mechanical Engineering (DICAM)  
Professors: G. Monaco, F. Pederiva
-