

Davide Campi

ADDRESS

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Università di Milano-Bicocca
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20125 Milano - Italy

CURRENT POSITION

Senior Assistant Professor (RTD-B Researcher) October 2022 – Present
[Università di Milano-Bicocca](#),

EDUCATION

Ph. D. in Nanostructures and Nanotechnologies 17 February 2016

[University of Milano-Bicocca](#) Milan - Italy, [Dipartimento di Scienza dei materiali](#),
Via Roberto Cozzi 55, I-20125 Milano - Italy

- Thesis:
“ATOMISTIC SIMULATION OF THERMAL TRANSPORT
AND VIBRATIONAL PROPERTIES IN PHASE CHANGE MATERIALS”
- Supervisor: [Prof. Marco Bernasconi](#)

M. Sc. degree in Physics 27 March 2012

[University di Milano-Bicocca](#) Milan - Italy, [Dipartimento di Scienza dei materiali](#),
Via Roberto Cozzi 55, I-20125 Milano - Italy

- Thesis:
“AB INITIO STUDY OF SURFACE PHONONS OF ANTIMONY”
- Final grade: 110/110 *cum laude*
- Supervisor: Prof. Giorgio Benedek
- Co-Supervisor: Prof. Marco Bernasconi

B. Sc. degree in Physics 30 October 2009

[University di Milano-Bicocca](#) Milan - Italy, [Dipartimento di Fisica](#),
Piazza della Scienza, 3, 20126 Milano - Italy

- Thesis:
“PLASMA MIRROR ON FLAME LASER SYSTEM”
- Final grade: 110/110 *cum laude*
- Supervisor: Prof. Dimitri Batani
- Co-Supervisor: Prof. Danilo Giulietti

ACADEMIC EXPERIENCE

Junior Assistant Professor (RTD-A Researcher) November 2020 – October 2022

[Università di Milano-Bicocca](#),

Postdoctoral Research Fellow February 2019 – October 2020

[Ecole Polytechnique Federale de Lausanne](#), STI IMX MARVEL/THEOS
Research group of Prof. N. Marzari

EPFL/Marie-Curie COFUND Postdoctoral Research Fellow February 2017 – February 2019

Ecole Polytechnique Federale de Lausanne, STI IMX THEOS/MARVEL
Research group of Prof. N. Marzari

Project: COMPUTATIONAL DESIGN OF NOVEL 2D-MATERIALS
FOR ELECTRONIC APPLICATIONS

Postdoctoral Research Fellow February 2016 – February 2017

Ecole Polytechnique Federale de Lausanne, STI IMX THEOS/MaX
Research group of Prof. N. Marzari

Ph. D. Student January 2013 – January 2016

University of Milano-Bicocca, Dipartimento di Scienza dei materiali
Research group of Prof. M. Bernasconi

Visiting Ph. D. Student May 2015 – July 2015

Université Pierre et Marie Curie (Paris VI), Paris, France
Research group of Prof. F. Mauri

Visiting Ph. D. Student May 2014 – June 2014

Université Pierre et Marie Curie (Paris VI), Paris, France
Research group of Prof. F. Mauri

Visiting Ph. D. Student February 2013 – March 2013

Max Plank Institute for Polymer Science (MPIP), Mainz, Germany
Research group of Dr. D. Donadio

Visiting Student June 2009 – July 2009

Laboratori Nazionali di Frascati (LNF), Frascati, Italy
FLAME Laser collaboration

AWARDS AND RECOGNITIONS

- Young Talent Award 2023 “For the discovery and characterization of a large number of 2D materials” (1000 euro) issued by University of Milano-Bicocca and Accademia dei Lincei.
- Co-recipient of the PRACE HPC Excellence Award 2022, issued by the Partnership for Advanced Computing in Europe, Basel (June 2022).
- Habilitation as associate professor in theoretical condensed-matter physics, “Abilitazione Scientifica Nazionale settore 02/B2”, from 08/08/2018 to 08/08/2024, Italian Ministry of University and Research.
- Award “Vincenzo Grasso per la produttività scientifica” by the Italian Physics Society, Trieste (September 2013).
- Merit award bursary of University of Milano-Bicocca 2008-2009. *Borsa di studio riservata a studenti iscritti per l'A.A. 2008/2009, ad anni successivi al primo dei corsi di laurea triennale, specialistica a ciclo unico e al cdl in formazione primaria in corso e meritevoli*, Università di Milano-Bicocca. Ranked first among the entire university.
- Merit award bursary of University of Milano-Bicocca 2007-2008. *Borsa di studio riservata a studenti iscritti per l'A.A. 2007/2008, ad anni successivi al primo dei corsi di laurea triennale, specialistica a ciclo unico e al cdl in formazione primaria in corso e meritevoli*, Università di Milano-Bicocca. Ranked first among the entire university.

TEACHING
EXPERIENCE

- Lecturer, University di Milano-Bicocca, "Quantum materials", for the 1st year of the Physics and Material Science master courses, Spring 2024, 2025 (42 hours).
- Teaching associate, University di Milano-Bicocca, "Struttura della Materia II" (Advanced quantum mechanics), for the 3rd year of the Material Science undergraduate course, Fall 2024, 2023, 2022, 2021, 2020 (24 hours each year).
- Teaching associate, University di Milano-Bicocca, "Fisica II" (Electromagnetism), or the 2nd year of the Chemistry undergraduate course, Fall 2022, 2021, 2020 (24 hours each year).
- Teaching assistant, EPFL, MSE 468 Atomic and quantum simulations of materials, Spring 2020, 2018, 2016 (4 ECTS each year)

PUBLICATIONS

Bibliometric indicators

Co-Author of 69 peer-reviewed papers, 1 conference paper, 2 book chapters

H-index: 27 (Google Scholar), 23 (Scopus)

Citations: 4028 (Google Scholar), 3123 (Scopus)

Milano
February 9th 2025