Università di Genova

Luca Vattuone

Associate Professor Experimental Condensed Matter Physics

EDUCATION AND TRAINING

1994
Ph. D. in Physics
Internal supervisor: prof. M. Rocca
External supervisor: prof. G.P. Brivio
University of Genoa

27/7/1990
Master in Physics
Supervisors: profs. U. Valbusa e M. Rocca
Mark: 110/110 cum laude
University of Genoa

PROFESSIONAL HISTORY

2012- ongoing
Associate Professor

University of Genoa

1999-2012
University Researcher

University of Genoa

1999

Physicist

Istituto Idrografico della Marina - Genova

1996-1999

Post.doc

INFM – Genoa Unit

1995

Post-Doctoral Research Associate

University of Cambridge – UK

Università di Genova

Group of prof. Sir D.A. KIng

ACADEMIC APPOINTMENTS

November 1st 2021- October 31st 2024
Coordinator of the Material Science Programmes

University of Genoa

November 1st 2018- October 31st 2021

Coordinator of the Material Science Programmes

University of Genoa

EXPERIENCE

SCIENTIFIC RESPONSIBILITY FOR RESEARCH PROJECTS ACCEPTED FOR FUNDING ON THE BASIS OF COMPETITIVE CALLS INVOLVING PEER REVIEW

8/2019-2/2023 MONolithic STRain Engineering platform for TWO-Dimensional materials (MONSTRE 2D)
Head of Genoa Unit
PRIN MIUR (Roma, IT)

7/2017-7/2020 Multifunctional ultrathin Fe(x)O(y), Fe(x)S(y) and Fe(x)N(y) films with unique electronic, catalytic and magnetic properties

Italian referent

Foundation for Polish Science & European Union (Poznan, PL)

3/1010-9/2012 Hydrogenation of CO_2 on Ni(110) and on MgO supported Ni clusters

Head of Genoa Unit

PRIN MIUR (Rome, IT)

1/2002-1/2004 Adsorption of aligned molecules at surfaces

INFM (Genova)

1/2002-1/2004 Adsorption of aminoacids at Ag(110)

British Council- CRUI

1/1995-12/1995 Grant Fondazione Angelo della Riccia

Università di Genova

EDITORSHIP OR PARTICIPATION IN EDITORIAL BOARDS OF JOURNALS, PUBLISHING SERIES, ENCYCLOPAEDIAS AND TREATISES

5/2024- ongoing Section Editor in Chief of Coatings (Section: 'Surface Engineering for Energy Harvesting, Conversion, and Storage')
https://www.mdpi.com/journal/coatings/sectioneditors/energy
MDPI

8/2023- ongoing Associate Editor of Frontier in Chemistry (Section: Physical Chemistry Chemical Physics)) https://www.frontiersin.org/journals/chemistry/editors
Frontiers

2020 Editor with Talat Rahman and Mario Rocca of: **Springer Handbook of Surface Science** (contract. n. 86411298) (2020) (https://www.springer.com/gp/book/9783030469047)
ISBN 978-3-030-46906-1
Springer

PRIZES AND ACCOLADES FOR SCIENTIFIC ACTIVITY, INCLUDING MEMBERSHIP OF ACADEMIES

2022 Vebleo Fellow
https://vebleo.com/vebleo-recognitions/#fellow

OTHER EXPERIENCES

1) DIRECTOR (with G. Benedek) of the 40th Workshop: Vibrations at Surfaces 12
Ettore Majorana Foundation and Centre for Scientific Culture, Erice 20-26 Luglio 2007
http://www.fisica.unige.it/vas12/
from 20-07-2007 to 26-07-2007

2) SCIENTIFIC SECRETARY of the 44th Course: Low Dimensional Dynamical phenomena and
simulations, Director: G.P.Brivio
Erice 20-26 Luglio 2008
Ettore Majorana Foundation and Centre for Scientific Culture,
from 20-07-2008 to 26-07-2008

3) MEMBER OF THE ORGANISING COMMITTEE of ECOSS 26
and Editor (with R. Ferrando) of the Proceedings
European Conference on Surface Science ECOSS 26, Parma (Italy)
http://www.fisica.unige.it/ecoss/
from 30-08-2009 to 04-09-2009

4) MEMBER OF THE ORGANISING COMMITTEE of ICSFS 16
and Editor of the Proceedings (e-Journal of Surface Science and Nanotechnology, Vol. 10 (2012): http://www.sssj.org)/ejssnt/ICSFS16Contents.html
16th International Conference on Solid Films and Surfaces
Faculty of Architecture of the University of Genoa, Genoa (Italy):
http://icsfs16.fisica.unige.it/
from 01-07-2012 to 06-07-2012

5) Co -organizer (Organizer: M. Lewandowski) of Mini- Colloquium
Molecules at Surfaces

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Part of CMD 30 FisMat September 4-8, 2023 Milano
https://eventi.cnism.it/cmd30-fismat/minicolloquia

6) Organizer (Co-organizer: M. Lewandowski) of Mini-Symposium
Surface Reactions on 2D Materials and Ultrathin Oxide films
Parte di ECOSS 36 28 Aug-1 Sept 2023, Lodz (Poland)
https://www.ecoss36.uni.lodz.pl/mini-symposia

Full publication list at: https://orcid.org/0000-0003-3718-6470