Università di Genova

Gianangelo Bracco

Associate Professor

EDUCATION AND TRAINING

1977
High school diploma
Industrial Physics
ITIS E. Molinari, Milan (Italy)

1982
Master Degree
Physics
University of Genova (Italy)

1987
PhD
Physics
University of Genova (Italy)

PROFESSIONAL HISTORY

1987-1989
Permanent position as High School Teacher
Math and Physics
Istituto Magistrale A. Manzoni, Genova

ACADEMIC APPOINTMENTS

1990-2015
Researcher in Experimental Physics
University of Genova – Engineering Faculty

1998-2000
Visiting professor
Princeton University (NJ, USA) – Chemistry Department

2009-2010
Visiting Researcher
Bergen University, Norway - Dept. of Physics and Technology.

2010
Adjunct Associate Professor
Bergen University, Norway - Dept. of Physics and Technology.

2011
Adjunct Professor
Bergen University, Norway - Dept. of Physics and Technology.

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2015 -
Associate Professor – Experimental Physics
University of Genova – School of Science MFN

EXPERIENCE

MAIN SEMINARS

Sept. 4, 1990 He scattering study of the p(3x1)O-Ag(110) surface
Physics Department, Florida State University, Tallahassee, (FL, USA)

Dec. 9, 1993 Study of Ag(110) in the 300-950 K temperature range
Conference "Physics of Low Dimensional Structures", Dec. 7-11, 1993, Institute of Solid State Physics, Russian Academy of Science, Chernogolovka (Russia)

July 11, 1994 Roughening transition of Ag(110)
Physics Department, Florida State University, Tallahassee, (FL, USA)

Feb. 21, 1998 Apparatus with combined He atom and ion scattering techniques with time of flight detection
Department of Physics and Astronomy, Clemson University (SC, USA)

Aug. 20, 1998 Thermal behavior of crystal surfaces: the Ag(110) case
Chemistry Department, Princeton University, Princeton (NJ, USA)

July 3, 2001 Anisotropic self-diffusion of Ag(110)
Chemistry Department, Pittsburgh University, Pittsburgh (PA, USA)

Oct. 10, 2005 Decay of rippled metal surfaces investigated by He atom scattering
Institute of Experimental Physics, TU-Graz, Graz (Austria)

Nov. 14, 2008 From scattering to imaging with atomic beams
Department of Chemistry, Middle East Technical University, Ankara (Turkey)

Nov. 16, 2011 Microstructuring with laser beams
University of Udine (Italy)

June 13, 2012 Exotic Microscopies
Scandem 2012, Annual Meeting of the Nordic Microscopy Society, Bergen, Norway, June 12-15.

Sept. 5, 2023 Adsorption of Pd-cyclometallated complexes at Ag(110)
CDM30 – FISMAT2023, Sept. 4-8, 2023, Milan (Italy)

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

2001-2002 PRIN “Molecule-surface interaction: from helium to the organic films”
Local Coordinator
MIUR, Italy

2002-2005 FIRB 2001 “Molecular Nanodevices”

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Local Coordinator
MIUR, Italy

2012-2015 FIRB "Nanotechnology approach for the theragnostics of tumors"
Member
MIUR, Italy

2013-2015 EU PF7 "NeMi, Neutral Microscopy"
Member
EU, Seventh Framework Programme, Bergen University

2016-2018 Prin "Hot-electrons in self-organised plasmonic metasurfaces coupled to semiconducting MoS2 nanosheets: Photon harvesting in 2D material,"
Member
MIUR

2025-2026 Prin "Network Osservativo Coordinato di Telescopi per l'Insegnamento e la Scienza (NOCTIS)" (Coordinated Observational Network of Telescopes for Education and Science)
Member
MIUR

TEACHING OR RESEARCH POSITIONS (FELLOWSHIPS) AT FOREIGN UNIVERSITIES AND RESEARCH INSTITUTES

1984-1986 Ph.D. Fellowship
Physics Department,
University of Genova

August 2006 Matter wave optics
Institute of Physics, Technical University, Graz, Austria
Research Fellowship, Graz (Austria)

September 2008 Short Term Mobility
Chemistry Department, Middle East Technical University, Ankara, Turkey
Research Fellowship, CNR, Italy

July 2010 Self assembled monolayers
at Chemistry Department, Middle East Technical University, Ankara, Turkey
Tubitak Fellowship, Turkey

June 2012 Fluorinated Pentacene
at Chemistry Department, Middle East Technical University, Ankara, Turkey
Tubitak Research Fellowship as Project Advisor, Turkey

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

2013 Main Editor “Surface Science Techniques”
ISBN-13: 9783642342424, 2013, pg.1-663, Springer Series in Surface Science vol. 51.
Springer Verlag (Heidelberg, Germany)