

## Europass Curriculum Vitae



### Personal information

**First name(s) / Surname(s)** **Marco/ Vittori Antisari**  
**Address(es)** Associazione Nanoitaly,  
 c/o SBAI Department, Sapienza University of Rome, Via Antonio Scarpa 16, 00161 Rome, Italy  
**Telephone(s)** +393209224148  
**E-mail** marco.vittori@nanoitaly.it  
**Nationality** Italian  
**Date of birth** 17/5/1950  
**Gender** Male

### Work experience

<p><b>Dates</b></p> <p><b>Occupation or position held</b></p> <p><b>Main activities and responsibilities</b></p> <p><b>Name and address of employer</b></p> <p><b>Type of business or sector</b></p>	<p>1/3/2015-present</p> <p>President</p> <p>Association Management</p> <p>Associazione Nanoitaly, c/o SBAI Department, Sapienza University of Rome, Via Antonio Scarpa 16, 00161 Rome, Italy</p> <p>Non-profit association</p>
<p><b>Dates</b></p> <p><b>Occupation or position held</b></p> <p><b>Main activities and responsibilities</b></p> <p><b>Name and address of the employer</b></p> <p><b>Type of business or sector</b></p>	<p>01/09/2015-present</p> <p>Contract Professor</p> <p>Giving the Course on "Electron Microscopies" at the Magistral Course of "Nanotechnology Engineering"</p> <p>Sapienza University of Rome, Faculty of Industrial and Civil Engineering, Via Eudossiana 18, 00185 Rome, Italy</p> <p>University</p>
<p><b>Dates</b></p> <p><b>Occupation or position held</b></p> <p><b>Main activities and responsibilities</b></p> <p><b>Name and address of the employer</b></p> <p><b>Type of business or sector</b></p>	<p>01/10/2018-present</p> <p>Chief Executive Officer</p> <p>Managing the Society and supporting the development activity</p> <p>Nanoshre 4.0 Srl, Largo Sant'Alfonso 5, 00185 Roma, Italy</p> <p>Spin off company</p>

Dates	20/04/2010-28/2/2015
Occupation or position held	Head of the Technical Unit "Material Technology"
Main activities and responsibilities	Coordination of Research project. Design of Unit strategies. Setting up cooperation and synergies. Management of human resources.
Name and address of employer	ENEA, Agenzia Nazionale per le Nuove Tecnologie, l'Energia e lo Sviluppo Economico Sostenibile. Lungo Tevere Thaon di Revel 76, 00196 Roma
Type of business or sector	Government R&D Organization

Dates	2002-2010
Occupation or position held	Head of the Division on "Composite and nanostructured materials"
Main activities and responsibilities	Coordination of Research project. Design of Unit strategies. Setting up cooperation and synergies. Management of human resources.
Name and address of employer	ENEA, Agenzia Nazionale per le Nuove Tecnologie, l'Energia e lo Sviluppo Economico Sostenibile. Lungo Tevere Thaon di Revel 76, 00196 Roma
Type of business or sector	Government R&D Organization

Dates	1978-2002
Occupation or position held	Researcher in Material Science and leader of research group
Main activities and responsibilities	Coordination of Research project on material science and technology with a particular interest on microstructure analysis and correlation of properties with microstructure. Managing laboratory equipment. Setting up cooperation and synergies.
Name and address of employer	ENEA, Agenzia Nazionale per le Nuove Tecnologie, l'Energia e lo Sviluppo Economico Sostenibile. Lungo Tevere Thaon di Revel 76, 00196 Roma
Type of business or sector	Government R&D Organization

Dates	1973-1978
Occupation or position held	Researcher in material science and electron microscopy
Main activities and responsibilities	Research activity on superconducting materials microstructure
Name and address of employer	University of Bologna, Department of Physics, Via Ippolito Nievo 46, 40126 Bologna
Type of business or sector	University

## Education and training

Dates	April 3, 1973
Title of qualification awarded	Magisterial Degree in Physics – Final grade: 110/110 e Lode (Full Marks, with Honours). Thesis title: "Measurement of lower critical field in type two superconductors"
Principal subjects/occupational skills covered	Electrical measurements, cryogenic temperature technology, vacuum technology, microstructural analysis, electron microscopy
Name and type of organisation providing education and training	Department of Physics, University of Bologna
Level in national or international classification	Level 6

**Personal skills and competences**

Mother tongue(s) **Italian**

Other language(s)

Self-assessment

European level (\*)

**English**

**French**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
B1	Independent user	B1	Independent user	A2	Basic user	A2	Basic user	A2	Basic user

(\*) [Common European Framework of Reference for Languages](#)

Social skills and competences

Team work. Working in research groups of relevant size and budget for more than 30 years. Group leader in several occasion. Director of Laboratory, and larger bodies.

Organisational skills and competences

Besides the organization of operative group, I have organized several events, like summer schools, and congresses in material science and electron microscopy, both national and international. Member of the scientific advisory bodies and organizing committees. Editor of three books.

Technical skills and competences

Deep knowledge on materials microstructure, correlation of properties with properties and analytical methods, with a particular attention to electron microscopy methods.

Computer skills and competences

Advanced user of Microsoft Office programmes (Word, Excel, Power Point.)

Other skills and competences

Member of the Board of the Italian Society for Electron Microscopy from 1986 to 1995.  
 Associated Editor for Italy for " Acta Metallurgica et Materialia" e " Scripta Metallurgica et Materialia". from 1990 to 1996.  
 President of the Italian Society for Electron Microscopy from 1996 to 2001.  
 Member of the Advisory Board of the Master "Electron Microscopy: a tool for industrial quality and environmental monitoring" -ISUFI of the Lecce University 1999-2000.  
 Honorary member of the Italian Society of Microscopical Sciences (formerly Italian Society for Electron Microscopy) since 2003  
 Member of the Board of the European Society for Microscopy 2001-2012.  
 Member of the Board of the Nanotec.it-AIRI (Italian Association for industrial research) from 2002 to 2005  
 Member of expert repertory of the Italian Ministry of Research, of the Italian Ministry of Industry and of several Regional Administrations  
 Member of the Board of the Apulia Aerospace District 2005-2015  
 Member of the Board of the EUMAT Technological Platform 2005-2015  
 Editor of three books, author of more than 150 papers on international literature and of more than 200 communications at national and international congresses.

## ELENCO DELLE PUBBLICAZIONI DI Marco VITTORI ANTISARI

### VOLUMI A STAMPA

- 1) P.G.MERLI, M.VITTORI ANTISARI (Eds)  
Microscopia Elettronica in trasmissione e tecniche di analisi di superficie nella scienza dei materiali. Parte B : microscopia elettronica in trasmissione  
Edizioni ENEA ( Serie Simposi) 1986
- 2) P.G.MERLI, M.VITTORI ANTISARI (Eds)  
Electron microscopy in material science  
World Scientific . Singapore 1992
- 3) P.W.HAWKES, P.G.MERLI, M.VITTORI ANTISARI, G.L.CALESTANI (Eds)  
Microscopy, Spectroscopy, Holography and Crystallography with Electrons  
(Advances in Imaging and Electron Physics Vol. 123 ). Academic Press, 2002
- 4) M. VITTORI ANTISARI, S. MIGLIORI  
Microscopia elettronica remota in scienza dei materiali: aspetti tecnici e nuove Opportunità. In” 1956-2006, Cinquanta anni di microscopia in Italia tra storia, progresso e Innovazione”.  
Edited by: D.Quaglino, E.Falcieri, M.Catalano, A.Diaspro, A.Montone,  
P.Mengucci, C.Pellicciari , SIMS 2006, ISBN 978-88-7963-215-7
- 5) P. VINCENZINI, C.POWELL, M. VITTORI ANTISARI, V.ANTONUCCI,  
F. CROCE (Eds)  
5<sup>th</sup> Forum on new materials.  
Proceedings of the 5th Forum on New Materials, part of CIMTEC 2010-12 th  
International Ceramics Congress and 5th Forum on New Materials  
Montecatini Terme, Italy, June 13-18, 2010  
ADVANCES IN SCIENCE AND TECHNOLOGY Vol. 72-76  
Trans Tech Publications Ltd, Switzerland (2010)
- 6) DEREK ALLEN · MARCO VITTORI ANTISARI · CLAUDIO BADINI ·  
ALDO R. BOCCACCINI · CHIARA VITALE-BROVARONE ·  
TELMA CARVALHO · MASSIMO CELINO · ANDREAS CHRYSANTHOU ·  
GIANLUCA CIARDELLI · MARCELLO CONTE · [...] · BRITTA NESTLER ·  
ROBERT QUARSHIE · KLAUS SCHNEIDER · STEPHANIE SCHULZ ·  
ARTHUR STAM · FABRICE STASSIN · SERGEI TRETYAKOV · ROBERT  
VASSEN · ENRICA VERNE · RIIKKA VIRKKUNEN  
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The European Technology Platform for advanced engineering materials and  
Technologies. Strategic Research Agenda 2012.  
DOI: 10.13140/RG.2.1.1902.1842

## ARTICOLI SU RIVISTE

- 1) M.VITTORI ANTISARI, U.VALDRE'  
Application of a simple RF sputtering apparatus for cleaning purposes in electron microscopy.  
J.Micros.Spectros.El 1,1,(1976)
- 2) S.MARTELLI, G.MATTEUCCI, M.VITTORI ANTISARI  
Shadow and interference electron microscopy of magnetic domain walls.  
Phys.Stat.Sol.(a) 49,K103,(1978)
- 3) A.BORELLO, A.LA BARBERA, A.MIGNONE, M.VITTORI ANTISARI  
Intergranular corrosion of Alloy 800 by the EPR method.  
Werkstoffe und Korrosion 32, 332, (1981)
- 4) M.VITTORI ANTISARI  
 $\gamma'$  particle coarsening and yield in Alloy 800.  
J. Mater.Sci. 16, 3461 (1981)
- 5) R.HOSEMANN, M.HENTSCHEL, E.FERRACINI, A.FERRERO, S.MARTELLI, F.RIVA, M.VITTORI ANTISARI  
Globules of microparacrystals in nascent isotactic polypropylene.  
Polymer 23, 979,(1982)
- 6) M.VITTORI ANTISARI, G.GUIDI  
On the coarsening of  $\gamma'$  in Alloy 800.  
Acta Metall. 31,725, (1982)
- 7) S.CASADIO, G.D' ALESSANDRO, M.VITTORI ANTISARI  
Carburization and tensile behaviour of Alloy 800 in liquid sodium.  
J.Nucl.Mater. 116, 94,(1983)
- 8) S.CASADIO, G.D' ALESSANDRO, C. MELONI, F.PIERDOMINICI, M.VITTORI ANTISARI  
Carburization of 9Cr-2Mo ferritic steel in sodium systems.  
Liquid Metals Engineering and Technology, p 261 BNES London (1984)
- 9) E.GABILLI, R.LOTTI, G.LULLI, P.G.MERLI, M.VITTORI ANTISARI  
Transmission electron microscopy of self annealed ion implanted silicon.  
Jap.J.Appl.Phys. 24, L14, (1985)
- 10) M.VITTORI ANTISARI, A.MIGNONE  
On the APB energy of Ni<sub>3</sub>(Al,Ti) particles.  
Mat.Sci.Eng. 74, 29, (1985)
- 11) M.FINETTI, E.GABILLI, R.LOTTI, G.LULLI, P.G.MERLI, R.NEPOTI, M.VITTORI ANTISARI  
A self annealing technique for simultaneous Ti silicide and N<sup>+</sup>/P junction formation .  
Mat.Res.Soc.Symp.Proc. 45,(1985)
- 12) M.BERTI, A.V.DRIGO, E.GABILLI, R.LOTTI, G.LULLI, P.G.MERLI, M.VITTORI ANTISARI  
Structural characterization of dynamic annealing effects in P<sup>+</sup> implanted silicon.  
Mat.Res.Soc.Symp.Proc. 45, 97, (1985)
- 13) M.BERTI, A.V.DRIGO, G.LULLI, P.G.MERLI, M.VITTORI ANTISARI  
On the dynamic annealing mechanisms in P<sup>+</sup> implanted silicon.  
Phys.Stat.Sol. (a) 94, 95, (1986)

- 14) A.MIGNONE, F.MADAY, M.VITTORI ANTISARI  
Electrochemical curves for the detection of sulfide inclusions in Alloy 800.  
Material Science Forum 8, 563, (1986) Trans Tech.Publ. Switzerland
- 15) M.BERTI, A.V.DRIGO, G.LULLI, P.G.MERLI, M.VITTORI ANTISARI  
Dose rate effects on the dynamic annealing mechanisms in P<sup>+</sup> implanted silicon.  
Phys.Stat.Sol. (a) 97, 77, (1986)
- 16) M.BERTI, A.V.DRIGO, E.GABILLI, R.LOTTI, G.LULLI, P.G.MERLI,  
M.VITTORI ANTISARI  
Self annealing effects in P<sup>+</sup> implanted silicon.  
Nucl.Instr.Met. B19/20 475, (1987)
- 17) A. LA BARBERA, G.LULLI, A.MIGNONE, S.MARTELLI, F.PIERDOMINICI,  
M.VITTORI ANTISARI  
Microstructural and electrochemical characterization of a surface melted AISI 304  
steel.  
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- 18) G.LULLI, P.G.MERLI, M.VITTORI ANTISARI  
Solid phase epitaxy of amorphous silicon induced by electron irradiation at room  
temperature.  
Phys.Rev.B. 36(15) 8038, (1987)
- 19) A.MIGNONE, A. LA BARBERA, S.MARTELLI, M.VITTORI ANTISARI  
R.FESTA  
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AISI 304.  
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- 20) G.LULLI, P.G.MERLI, M.VITTORI ANTISARI  
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Mat.Res.Soc.Symp.Proc. 100, 375, (1988)
- 21) M.MAGINI, S.MARTELLI, M.VITTORI ANTISARI  
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- 22) A.MIGNONE, F.MADAY, M.VITTORI ANTISARI  
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sensitization in Inconel 600. Influence of some testing parameters.  
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- 23) A.PARRETTA, A. CAMANZI, M.GAROZZO, M.VITTORI ANTISARI  
OBIC and EBIC investigation of GaAs shallow homojunctions solar cells.  
Solar Energy Mat. 17, 457, (1988)
- 24) G.BALESTRINO, S.BARBANERA, A.PAOLETTI, P.PAROLI,  
M.VITTORI ANTISARI  
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Phys.Rev.B. 38(10), 6609, (1988)
- 25) S.MARTELLI, G.MAZZONE, S.SCAGLIONE, M.VITTORI ANTISARI  
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temperature.  
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- 26) A.CAMANZI, G.GIUNTA, A.PARRETTA, M.VITTORI ANTISARI  
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- 27) S.MARTELLI, G.MAZZONE, A.MONTONE, M.VITTORI ANTISARI, F.PADELLA  
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- 28) G.ENNAS, M.MAGINI, F.PADELLA, F.POMPA, M.VITTORI ANTISARI  
On the formation of Pd<sub>3</sub>Si by mechanical alloying solid-state reaction  
J.Non Cryst.Sol. 110,69-73 (1989)
- 29) A.MIGNONE, F.MADAY, A.BORELLO, M.VITTORI ANTISARI  
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Corrosion. 46(1), 57, (1990)
- 30) S.MARTELLI, G.MAZZONE, A.MONTONE, M.VITTORI ANTISARI  
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- 32) S.MARTELLI, G.MAZZONE, M.VITTORI ANTISARI  
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J.Mater.Res. 6(3), 499, (1991)
- 33) G.LULLI, P.G.MERLI, A.GARULLI, M.VITTORI ANTISARI  
Influence of temperature and electron energy on solid phase epitaxy of implanted silicon induced at low temperature by electron irradiation in the electron microscope.  
Mat.Res.Soc.Symp.Proc. 201, 381, (1991)
- 34) S.BARBANERA, F.MURTAS, L.SCOPIA, V.BOFFA, G.PATERNÒ, A.MONTONE, M.VITTORI ANTISARI  
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IEEE Trans on Magn. 27, 2552, (1991)
- 34a) M. GAROZZO, A. PARRETTA, M VITTORI ANTISARI, A. CAMANZI AND P. ALESSANDRINI  
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10th European PVConference Lisbon, Portugal 8-12 April 1991
- 35) G.MAZZONE, A.MONTONE, M.VITTORI ANTISARI  
On the diffusion behaviour in stressed Ni-Zr couples.  
Mat.Res.Soc.Symp.Proc. 230, 27, (1992)
- 36) G.MAZZONE, A.MONTONE, M.VITTORI ANTISARI  
On the fast amorphous phase growth in plastically deformed Ni-Zr couples  
Scripta Metall.Mater. 28, 821, (1993)
- 37) F.CARDELLINI, V.CONTINI, G.MAZZONE, M.VITTORI ANTISARI  
Phase transformation and chemical reactions in mechanically alloyed Cu-Zn powders  
Scripta Metall.Mater. 28,1035, (1993)
- 38) G.CARLOTTI, A.MONTONE, F.SACCHETTI, M.VITTORI ANTISARI  
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- 40) F.CARDELLINI, G.MAZZONE, A.MONTONE, M.VITTORI ANTISARI  
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- 41) P.MURA, P.DEMONTIS, G.B.SUFFRITTI, V.ROSATO, M.VITTORI ANTISARI  
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Phys.Rev.B 50 (5),2850 (1994)
- 42) S.BELLINI, A. MONTONE, M. VITTORI ANTISARI.  
Radiation enhanced diffusion in amorphous Ni-Zr studied by "in situ" electron irradiation in the transmission electron microscope.  
Phys.Rev. B 50, 14, 9803, (1994)
- 43) G.MAZZONE, M.VITTORI ANTISARI  
The nucleation of crystalline phases in plastically deformed amorphous NiZr.  
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- 44) L.SUBER, H.ROMERO, D.FIORANI, A.M.TESTA, A.MONTONE, M.VITTORI ANTISARI, J.L.DORMANN, J.MAKNANI, N.SPARIERI  
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- 50) A.DERIU, F.MALIZIA, F.RONCONI, M.VITTORI ANTISARI, S.M.KING  
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