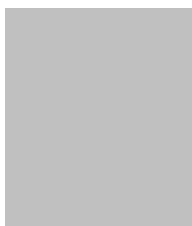


INFORMAZIONI PERSONALI

Roberto COPPOLA



Sesso M. | Data di nascita | Nazionalità Italiano

POSIZIONE PER LA QUALE
SI CONCORRE

Bando ICE 4/2025

ESPERIENZA
PROFESSIONALE

Situazione attuale dal 2021

Scientific consultant for ENEA (www.enea.it) and CREATE(www.create.unina.it)

2024
2022-2023

CNR
CREATE

1983 – 2021

Researcher

Employed as an expert in neutron diffraction at the ENEA-Agenzia Nazionale per le Nuove Tecnologie, l'Energia e lo Sviluppo Economico Sostenibile, research center "Casaccia", Roma, Italy. He is responsible for experimental activities carried out in the frame of the ENEA research programs on development of materials for fission, fusion and renewable energies. These activities are carried out both on national commitments and in the frame of European research programs, utilizing international neutron sources and coordinating internal

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- characterizing by SANS the micro-structural radiation damage in nuclear steels, under a variety of irradiation conditions, and providing fundamental information on damage mechanisms, not obtainable by other experimental methods
- developing the utilization of polarized SANS in the characterization of magnetic steels and alloys for deeper understanding of micro-structural evolution
- developing SANS data analysis methods to obtain reliable metallurgical information
- validating numerical evaluations of stress distributions in nuclear welds by means of non-destructive neutron diffraction measurements
- applying neutron diffraction measurements to the quantitative characterization of industrial fuel-cell prototypes.

Business or sector Public Research Centre

From Jan 1981 to Dec 1982

Add separate entries for each experience. Start from the most recent.]

Temporary Foreign Co-worker (Collaborateur Temporaire Etranger)

CEA (Commissariat à l'Energie Atomique) Centre Etude Nucléaires de Grenoble, Av. des Martyrs, 38042 Grenoble, France – www.cea.fr

The activities consisted in carrying out neutron scattering experiments on fast-breeder reactor alloys in order to contribute in the micro-structural qualification of such materials.

Business or sector Public Research Centre

From Jan 1978 to Dec 1980

Add separate entries for each experience. Start from the most recent.]

Euratom fellowship at the JRC Group at the Institut Max von Laue – Paul Langevin, Grenoble

Commission des Communautés Européennes, 200 rue de la Loi, 1049 Bruxelles, Belgique

In the frame of the "Nuclear Safety Programme" of the JRC-Ispra, he carried out neutron scattering experiments at ILL-Grenoble on fission reactor steels to investigate their micro-structural evolution; he also contributed in the development of neutron monochromators.

Business or sector UE

Add separate entries for each experience. Start from the most recent.]

From Jan 1977 to Dec 1977

Aid assistant

University of Ancona, Via Brece Bianche, 60131 Ancona, Italy – www.univpm.it

Fundamental research in solid state physics, assistance to teaching and examining

Business or sector University

EDUCATION AND TRAINING

Dec 1976

[Add separate entries for each course. Start from the most recent.]
Degree in Physics ("Laurea di Dottore in Fisica")

Replace with EQF
(or other) level if
relevant

Università di Roma "La Sapienza", P.le A. Moro, 00195 Roma, Italy

He obtained his degree by discussing an experimental thesis work in solid state physics.

PERSONAL SKILLS

[Remove any headings left empty.]

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C2	C1	C2	C2
	Replace with name of language certificate. Enter level if known.				
French	C2	C2	C2	C2	C2
	Replace with name of language certificate. Enter level if known.				

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Publications List of main scientific publications joined to this CV

ANNEXES

- Copy of degree certificate
- List of main scientific publications

REFERENCES – scientific publications by Dr. R. Coppola

- 1) A. Boeuf, R. Coppola, S. Melone, P. Puliti, F. Rustichelli, *Preliminary theoretical approach to the neutron diffraction by bent mosaic crystals*, Lett. Nuovo Cim. 26, 5 (1979) 129-134
- 2) A. Boeuf, R. Coppola, J. P. Morlevat, F. Rustichelli, D. Wenger, F. Zambonardi, *Time dependence at 600°C and 650°C of the $M_{23}C_6$ precipitation in AISI 304 Stainless Steel*, J. Mat. Sci. 16 (1981) 1975 -1979
- 3) A. Boeuf, R. Coppola, F. Rustichelli, F. Zambonardi, S. Melone, S. Maggi, P. Puliti, *Small angle neutron scattering investigation of the $M_{23}C_6$ precipitation in AISI 304 Stainless Steel*, J. Appl. Cryst. 14 (1981) 337-344
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- 6) A. Mathiot, R. Coppola, *Etude de la précipitation de la phase γ' dans l'alliage 800 par diffusion des neutrons aux petits angles*, Report C. R. DMG/CEA 29/82
- 7) A. Boeuf, R. Caciuffo, R. Coppola, S. Crico, S. Melone, P. Puliti, R. Rebonato, F. Rustichelli, *Study of the $M_{23}C_6$ precipitation at 500°C and 700°C in AISI 304 by small-angle neutron scattering*, J. Nucl. Mat. 126 (1984) 276-284
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- 12) S. Abis, R. Coppola, R. Ragazzini, *Fatigue crack propagation in an Aluminium AA5356 alloy*, J. Electr. Micr. 35 (1986) 1589-1590
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- 14) S. Abis, R. Caciuffo, R. Coppola, P. Fiorini, M. Magnani, F. Rustichelli, M. Stefanon, *Small-angle neutron scattering investigation on Mg_2Si precipitates in a single crystal of an Al-Mg-Si alloy*, Mat. Sc. Forum 13-14 (1987) 295-300
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SEGRETERIA

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NATO A ROMA

IL 06/01/1954 ,

HA CONSEGUITO, IN QUESTA UNIVERSITA, IL DI 20 DICEMBRE 1976

LA LAUREA DI DOTTORE IN FISICA

CON VOTI 110/110 E LODE (CENTODIECI E LODE)

SI CERTIFICA, INOLTRE, CHE IL PREDETTO HA OTTENUTO NEGLI ESAMI DI PROFITTO
LE SEGUENTI VOTAZIONI

GEOMETRIA I	24/30	23/02/73
ANALISI MATEMATICA I	30/30	08/03/73
FISICA GENERALE I	24/30	24/07/73
LINGUA FRANCESE	IDONEO	21/09/73
LINGUA INGLESE	IDONEO	22/09/73
MECCANICA RAZIONALE	30/30 E LODE	07/02/74
ANALISI MATEMATICA II	30/30	18/02/74
FISICA GENERALE II	26/30	12/07/74
SPERIMENTAZIONE FISICA	30/30	19/07/74
CHIMICA CON ESERCIZI DI LABORATORIO	30/30	30/07/74
METODI MATEMATICI DELLA FISICA	30/30	24/02/75
ISTITUZIONI DI FISICA TEORICA	30/30	13/03/75
LABORATORIO DI FISICA I	30/30	17/03/75
ELETTRONICA	30/30	25/06/75
STRUTTURA DELLA MATERIA	30/30	22/07/75
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FISICA SUPERIORE	30/30 E LODE	10/04/76
FISICA DEI SOLIDI	30/30	31/07/76
FISICA TEORICA	30/30	20/09/76

ROMA, ADDI 31/10/77

IL CAPO DELL'UFFICIO

IL DIRETTORE AMMINISTRATIVO

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