

**PERSONAL INFORMATION**

**Cinzia Giannini**



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*Female | Date of birth 14/10/1966 | Nationality Italian*

Enterprise	University	EPR
<input type="checkbox"/> Management Level	<input type="checkbox"/> Full professor	<input checked="" type="checkbox"/> <b>RESEARCH DIRECTOR</b> and 1st level Technologist / First Researcher and 2nd level Technologist / Principal Investigator
<input type="checkbox"/> Mid-Management Level	<input type="checkbox"/> Associate Professor	<input type="checkbox"/> Level III Researcher and Technologist
<input type="checkbox"/> Employee / worker level	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator

**WORK EXPERIENCE**

from 01.07.21- to 30.06.25

**Director of the Institute of Crystallography**

National Research Council, v. Amendola 122/O, 70126

The Director directs, coordinates and promotes the development of the activities of the institute; manages the financial and instrumental human resources assigned to the institute for its operation; assigns the task to the managers of secondary offices; prepares the acts of association to the research activities of the institute; exercises the power of representation of the CNR within the limits and under the conditions specified by the CNR President; provides regular communication of the most relevant events affecting the activities of the institute and staff and informs the staff of the institution on the general progress of the activities; participates to the activities and meetings of the board of CNR Directors; takes care of tasks and functions of Data Controller in the field of protection of personal data

from 01.05.22- to 30.04.25

**President of the CNR Research Area of Bari**

National Research Council, v. Amendola 122/O, 70126

from 2020 - now  
from 2010 - 2020  
from 2001 - 2010  
from 1992 - 2001

**Research Director, CNR**  
**First Researcher, CNR**  
**Researcher, CNR**  
**Researcher, PASTIS-CNRSM**

**EDUCATION AND TRAINING**

15/04/1996

**PhD in Physics at the University of Bari**  
Thesis "Study of the Electronic and Structural properties of semiconductor heterostructures"

29/06/1989

**Master in Physics at the University of Bari**  
Thesis "Study of the Electronic and Structural properties of semiconductor heterostructures"

## WORK ACTIVITIES

<b>Awards</b>	2022	Scientific Highlights - Paul Scherrer Institute (PSI - Zurich), [ <a href="#">Lighting up the appealing world of hybrid perovskites</a> ]
	2021	Scientific Highlights - Paul Scherrer Institute (PSI - Zurich), [ <a href="#">Glycation of collagen: Quantifying rates</a> ]
	2020	Scientific Highlights - Paul Scherrer Institute (PSI - Zurich), [ <a href="#">Microcalcifications in breast tissue: Paving the way for future diagnostic solutions?</a> ]
	2019	Scientific Highlights - Paul Scherrer Institute (PSI - Zurich), [ <a href="#">Glycation of collagen in decellularized pericardium tissue: pilot study</a> ] and [ <a href="#">Insights into a well-known disease in ageing populations: Abdominal and popliteal aneurysm</a> ]
	2016	<a href="#">Special Prize for Capacity Building ITWIIN 2016</a>
	2009/2010	Cnr.it Highlights [ <a href="#">Looking at the world with sub-atomic eyes.</a> ]
	2000	Scientific Highlights - European Synchrotron Radiation Facility (ESRF - Grenoble), [ <a href="#">X-Ray Diffraction with Nanometric Spatial Resolution</a> ]
	1997/1998	Scientific Highlights - European Synchrotron Radiation Facility (ESRF - Grenoble), [ <a href="#">Strain induced patterning in superlattices - comparison of morphological ordering and strain ordering</a> ]
	1996	International Union Crystallography (IuCr) Young Scientist Award
	1995	International Union Crystallography (IuCr) Young Scientist Award
<b>Institution Duties</b>	2021-present	<a href="#">Chair of the Italian Society of Synchrotron Light</a>
	2020-present	Expert evaluator of the <a href="#">Ministry for the Economic Development, Sustainable Growth Fund</a>
	2019-2021	Elected <a href="#">Scientific Advisory Member of the Dep. of Chemistry Sciences &amp; Material Technologies/ CNR</a>
	2017-2015	Expert evaluator of the Ministry of Education, University and Research, National Agency for the Evaluation of Universities and Research Institutes (ANVUR) – <a href="#">Physics area (GEV2)</a>
	2015-present	Member of Editorial Board <a href="#">Scientific Reports (Nature group)</a> , <a href="#">CHEMISTRY</a>
	2011-2021	<a href="#">Head of the X-ray MicroImaging Lab. (XMI-L@b)</a> – Inst. of Crystallography / CNR
<b>Extra-Institution Duties</b>		Member of the <a href="#">ISPRA Board of Directors</a> (4 years contract)
		Scientific consultant for <a href="#">EXCELSUS STRUCTURAL SOLUTIONS</a> spin-off company of the Paul Scherrer Institute
	2020	data analysis and interpretation of combined SAXS and synchrotron-XRPD data on proprietary pharmaceutical formulations
	2019	tutorial workshop (50 people) on Small and Wide Angle Scattering (SAXS/WAXS) at European Chemical Agency (ECH) in Helsinki, Finland
		Scientific consultant (6 months contract) for <a href="#">ITALIAN INSTITUTE OF TECHNOLOGY (IIT)</a> Genova, Italy
	2008	implementation of the X-ray diffractometry facility within the biotechnology IIT department
<b>University Habitation</b>	2025-2019	<a href="#">Assistant Professor in 02/D1 – Applied Physics, didactic and history of physics</a>
	2023-2017	<a href="#">Full Professor in 03/A2 – Modelling for Chemical Sciences</a>
	2022-2013	<a href="#">Full Professor in 02/B1 – Experimental Physics of Matter</a>

<b>International Teaching</b>	2020	<a href="#">"LINXS Educational Webinar" Lund University (Sweden)</a>
	2019	Lab. of Nanomaterials for Biomed. Appl. at the Italian Institute of Technology, Genova.
	2019	Center for Nano Science and Technology (CNST) at the IIT, Milano.
	2019	European Chemical Agency (ECHA) in Helsinki, Finland.
	2018	Lab. of Nanomaterials for Biomedical Applications at the IIT, Genova.
	2017	<a href="#">SILS School "Synchrotron Radiation: Fundamentals, Methods and Applications", Muggia, Trieste</a>
	2016	<a href="#">XTOP companion school - Brno, Czech Republic</a>
	2015	<a href="#">SYNCLIGHT 2015, Campinas, Brazil</a>
	2014	<a href="#">1st European Crystallography School, Pavia, Italy</a>
<b>University Teaching</b>	2021-2015	'Watching Nanomaterials with X-rays Eyes', PhD Course Chemistry Department, Univ. of Bari (2 CFU) (every year for about 10 PhD students per year, in total about 70 students)
	2020-2017 CFU)	'Advanced XRD techniques for applications in materials and biologic systems (4
	2011-2007	'Analisi Strutturale di Nanomateriali', Course in Chemistry, Department Univ. of Bari (2 CFU)
	2018	"Microscopie a raggi X", eLearning course for Material science, Univ. of Bari (2 CFU)
		Tutor of 2 PhD thesis in Chemical Sciences, 5 Post Docs and 3 Master Diploma in Physics (CNR has not teaching duties in its Mission; only recently industrial PhD projects have been conceived).
<b>Invited Speaker</b>	2021	SIB (Società Italiana Biomateriali) Congress Lecce
	2020	LINXS Educational Webinar, Lund, Sweden
	2020	EUSMI users' meeting
	2019	<a href="#">"PhysChem seminar series" Lund University, Sweden</a>
	2019	<a href="#">"Symposium on colloidal nanocrystals" Lecce, Italy</a>
	2019	<a href="#">Workshop on Coherence at ESRF-EBS Grenoble, France</a>
	2018	<a href="#">MATERIALS2018 Congress Bologna, Italy</a>
	2018	<a href="#">Workshop "Advances in biomaterials for aging diseases", Anacapri, Italy</a>
	2017	SIF 2017 Congress (Società Italiana di Fisica), Povo – Trento, Italy
	2015	<a href="#">BioPhotonics and Imaging Conference (BioPIC2015), Galway - Ireland</a>
	2014	Workshop "Functional and nanostructured materials", Camerino, Italy
	2014	Joint AIC-SILS Conference Firenze, Italy
	<b>Chair</b>	2021
2021		<a href="#">SILS meeting</a>
2019		<a href="#">School of Nanomedicine Trieste (IT)</a>
2019		<a href="#">MS2 "Photon based multi-dimensional (2D/3D/4D) imaging - from VUV to X-rays" Camerino (IT)</a>
2018		<a href="#">High-Resolution X-Ray Diffraction and Imaging XTOP 2018 – Bari (IT)</a>
2018		<a href="#">MS9 "Polycrystalline &amp; Nano Materials", AIC/SILS Meeting 2018, Roma (IT)</a>
2017		<a href="#">School of Nanomedicine Bari (IT)</a>
2016		<a href="#">SILS Meeting 2016 Bari (IT)</a>
2016		M44 - Total scattering: pdf analysis and diffuse scattering in X-Ray, neutron, and electron diffraction- <a href="#">ECM30, Basel - Switzerland</a>
2015		<a href="#">School of Nanomedicine Bari (IT)</a>

## ADDITIONAL INFORMATION

## Grants

GRANTS as SPOKEPERSON

2020-2019 I have been assigned of beamtime from the [Swiss Light Source \(SLS\) in Switzerland](#) (estimated funding of **280.000€**, **35 shifts** total beamtime, about 8000€ is the cost of 1 SLS shift).

GRANTS as SCIENTIFIC COORDINATOR of the CNR RESEARCH UNIT

2021-2023 PON 2014-2020 “**ECOTEC**: Design, Creatività e Made in Italy “Fibre e tessuti intelligenti ed ECOsostenibili per l’abbigliamento TECnico e l’alta moda” (Assigned **Grant € 250.00**)

2022-2019 PRIN “**SAPIENT**: A system approach for identifying connective tissue degeneration in diabetic analogues” (Assigned **Grant € 152.829**)

2021-2018 PON 2014-2020 “**TARANTO**: Tecnologie e processi per l’Abbattimento di inquinanti e la bonifica di siti contaminati con Recupero di mAterie prime e produzioNe di energia TOtally green” (Assigned **Grant € 100.000**)

2021-2018 Regione Puglia- Innonetwork “ISEPA: Improving Sustainability, Efficiency and Profitability of Large-Scale Aquaponics” (Assigned **Grant € 50.153**)

GRANTS as PRINCIPAL INVESTIGATOR (BILATERAL PROJECT)

2021-2020 CNR/Royal Society-UK London ‘Label-free multi-scale X-ray imaging for the study of cell differentiation and colonization of scaffolds in regenerative medicine’ (**Grant € 12.000**).

## Metrics overview

Source: SCOPUS

304 Total Publications

8708 Citations by 6976 Documents

45 h-index

TRATTAMENTO DEI DATI PERSONALI, INFORMATIVA E CONSENSO

Il D.Lgs 30/06/2003, n. 196 “Codice in materia di protezione dei dati

personali” regola il trattamento dei dati personali, con particolare riferimento alla riservatezza, all’identità personale e al diritto di protezione dei dati personali; l’interessato deve essere previamente informato del trattamento.

La norma in considerazione intende come “trattamento” qualunque operazione o complesso di operazioni concernenti la raccolta, la registrazione, l’organizzazione, la conservazione, la consultazione, l’elaborazione, la modifica, la selezione, l’estrazione, il raffronto, l’utilizzo, l’interconnessione, il blocco, la comunicazione, la diffusione, la cancellazione e la distruzione di dati, anche se non registrati in una banca dati.

In relazione a quanto riportato, autorizzo il CNR al trattamento dei dati contenuti nel presente curriculum vitae e nella documentazione della quale fa parte integrante, sollevandolo da ogni responsabilità e autorizzandolo alla pubblicazione, sul sito web del CNR, della relazione inerente alle proprie ricerche svolte nell’ambito del Progetto finanziato dal CNR. Inoltre acconsento all’aggiornamento delle informazioni intranet che mi riguardano sia relative le pubblicazioni sia alle ricerche svolte.

The Undersigned hereby authorises the CNR to utilize and store the personal sensitive data contained in the attached Curriculum Vitae for the purposes of bilateral Joint research projects and within the framework of the Data protection Act No. 196, dates 30 June 2003 as promulgated by the Italian Government.

(barrare la casella)  Sì, acconsento
