

## PERSONAL INFORMATION

## Pietro Galinetto



Dipartimento di Fisica - Università degli Studi di Pavia, Via A. Bassi 6, I 27100 Pavia, Italy

+39 0382 987904  +39 333 5715913

[pietro.galinetto@unipv.it](mailto:pietro.galinetto@unipv.it)

<https://fisica.dip.unipv.it/it>

Sex M | Date of birth 22/11/1966 | Nationality ITA

## WORK EXPERIENCE

(2015 - )

**Associate Professor**

University of Pavia - Department of Physics

- Research and teaching

(2002 - 2015 )

**Senior Researcher**

University of Pavia - Department of Physics

- Research and teaching

(1993 - 2005 )

**Farmer**

Viguzzolo (AL)

- Intensive agricultural cultivation on a 80-Ha farm (corn, potatoes, onions, wheat,

(1998 - 2002 )

**Technical Engineer**

University of Pavia - Department of Physics

- Design and set-up of spectroscopic devices

(1997)

**Technical Engineer**

University of Pavia - Department of Physics

- Design and set-up of spectroscopic devices

(1994 - 1996 )

**Fellow**

Istituto Nazionale di Fisica della Materia - Sezione di Brescia

- Study and design of photo-activated Gas sensors

(1994 )

**Consultant**

CIMATEC S.r.l. - Genova

- Collaboration in the evaluation and reporting of european grants

(1992)

**Fellow**

CISE-Tecnologie Innovative SpA

- Study and characterization of optical and electronic properties of yttria-stabilized zirconia

**EDUCATION AND TRAINING**

(1991) **4-y degree (Laurea)**

University of Pavia - MMFFNN faculty - Physics

- Replace with a list of principal subjects covered or skills acquired

(1985) **Scientific high-school Diploma**

Liceo Scientifico "G. Peano" - Tortona

- Replace with a list of principal subjects covered or skills acquired

**PERSONAL SKILLS**

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
French	B1	B1	A2	A2	B1
German	A2	A2	B1	A2	B1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user  
[Common European Framework of Reference for Languages](#)

Communication skills

- good communication skills gained through my experience as researcher and teacher

Organisational / managerial skills

- leadership (currently responsible for a team of 5 people - PI of national project)
- managerial skills acquired during my experience as member of Administration Board of University of Pavia in the period 2013-2021

Job-related skills

- expertise in research projects managing and in research activities in the field of Physics Matter and Applied Physics

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Independent user	Independent user	Proficient user	Proficient user

Levels: Basic user - Independent user - Proficient user  
[Digital competences - Self-assessment grid](#)

Replace with name of ICT-certificates

Replace with your other computer skills. Specify in what context they were acquired. Example:

- good command of office suite (word processor, spread sheet, presentation software)
- good command different data analysis platforms

- Relationships with companies**
- Contract Manager - Unipv vs. ENI - Research & Technological Innovation, Eng. & Constr. (evaluation of optical sensing devices in oil tank leakages)
  - Contract Manager - Unipv vs. Redox Srl (study of structural properties of pharmaceutical products by Raman spectroscopy)
  - Contract Manager - Unipv vs. SAES-GETTER Spa (study of optical and structural properties of lithium niobite waveguides)
  - Collaboration with ENI Corporate Research Center for Non-conventional Energy (Surface Enhanced Raman Spectroscopy in thin films for energetics)
  - Collaboration with SEAVISION Spa (optical sensing devices for online massive industrial inspection)

**Driving licence** B

**ADDITIONAL INFORMATION**

---

- Publications** More the 110 scientific (ISI indexed) publications (H-index 20)  
 Last 10 publications:
- ELECTROCHIMICA ACTA, vol. 393, ISSN: 0013-4686, doi: 10.1016/j.electacta.2021.139077
  - MATERIALS, vol. 14, ISSN: 1996-1944, doi: 10.3390/ma14112859
  - MATERIALS CHEMISTRY AND PHYSICS, vol. 273, ISSN: 0254-0584, doi: 10.1016/j.matchemphys.2021.12506
  - APPLIED SCIENCES, vol. 2, ISSN: 2523-3971, doi: 10.1007/s42452-020-03607-z
  - APPLIED SCIENCES, vol. 10, ISSN: 2076-3417, doi: 10.3390/app10072417
  - JOURNAL OF MATERIALS SCIENCE. MATERIALS IN ELECTRONICS, vol. 0957- 4522, ISSN: 1573-482X, doi: 10.1007/s10854-020-04374-8
  - OPTICAL MATERIALS, vol. 92, p. 373-378, ISSN: 0925-3467, doi: 10.1016/j.optmat.2019.04.035
  - ACS APPLIED ENERGY MATERIALS, vol. 2, p. 2794-2802, ISSN: 2574- 0962, doi: 10.1021/acs.aem.9b00132
  - NANOMATERIALS, vol. 9, ISSN: 2079-4991, doi: 10.3390/nano9091288
  - NANOTECHNOLOGY, vol. 30, ISSN: 0957-4484, doi: 10.1088/1361-6528/aae9

- Projects** PI for the following projects:
- FONDAZIONE CARIPL0 2006-0686 - Bando Ricerca applicata (2007) - Film sottili di ossidi magnetici diluiti: verso la spintronica trasparente
  - PRIN 2003023043\_005 : Dinamica della magnetizzazione risolta in tempo, tramite effetto Kerr magneto-ottico (local PI)
  - Azione Integrata Italia-Spagna (2003-2004) - Study of optical and electronic properties in lithium niobite crystals

Board member of the Project "Approvvigionamento energetico e gestione della risorsa idrica nell'ottica dell'Economia Circolare" - CE4WE (Circular Economy for Water and Energy), ID 1139857, Call "Hub Ricerca e Innovazione" di Regione Lombardia cofinanziata dal POR FESR 2014-2020 ASSE I"



According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV