

Europass Curriculum Vitae



Personal information

Name / Surname

Personal Email

Home page

Nationality

Gender

Ignazio Gallo

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<https://www.uninsubria.it/hpp/ignazio.gallo>

Italian

Male

Work Experience

Date

Occupation or position held

Main activities and responsibilities

From December 4, 2025

CEO & Founder

DermIA (University of Insubria Spin-off)

- Defining the strategic vision for Deep Learning applications in the medical field.
- Mission: Reducing early diagnosis lead times and increasing accuracy in skin cancer screening through AI.
- Technology transfer of proprietary algorithms from academic research to clinical practice.

Date

Occupation or position held

Main activities and responsibilities

From 2012

Head of the ArTe-Lab Research Laboratory

Applied Recognition Technology Lab - University of Insubria

- Supervision of research projects in Computer Vision, Deep Learning, and Information Extraction.
- Development of advanced solutions for automated recognition and image restoration.
- Coordination of interdisciplinary and industrial collaborations for technology transfer.

Date

Occupation or position held

From February 1, 2004

Tenured Researcher / Assistant Professor

Main activities and responsibilities

- Research on Deep Neural Models applied to: satellite imagery (Sentinel-2, fire detection), EEG signals, and dermatological imaging (Varese Hospital).
- Development of Named Entity Recognition (NER) algorithms and data uncertainty management (Fuzzy reasoning, Dempster-Shafer theory).
- Teaching: "Intelligent Systems", "Software Design Techniques", and "Computer Science for Biological Sciences".

Name and address of employer

University of Insubria, Department of Theoretical and Applied Sciences, Varese (Italy)

Scientific-disciplinary sector

INF/01 (Computer Science)

Date

From 2002 to 2004

Occupation or position held

Research Collaborator

Main activities and responsibilities

- Development of algorithms for stereoscopic analysis, 3D reconstruction, and CT scan image reconstruction.
- Collaboration with CNR-IREA for hyperspectral data classification.

Date

From 1999 to 2002

Occupation or position held

Research Fellow

Main activities and responsibilities

Definition of neural models for land-cover classification at the Institute for Multimedia Information Technologies (CNR, Milan) and the JRC (Ispra).

Education and Training

Date

July 13, 1998

Title of qualification awarded

Master's Degree (Laurea) in Computer Science

Principal subjects

Development of neuro-fuzzy architectures for cognitive processes.

Name and type of organisation

University of Milan, Faculty of Mathematical, Physical, and Natural Sciences

Technical Skills

Languages

Python, C/C++, Java, C#

OS

Linux, Windows, Solaris, HP-UX

AI Expertise

Deep Learning, Computer Vision, Remote Sensing, Medical AI, NLP

Additional Information

Publications	<ul style="list-style-type: none">– International Journal Articles:<ul style="list-style-type: none">* Mirco Gallazzi, Anwar Rehman, Silvia Corchs, Ignazio Gallo, et al. Improving classification in skin lesion analysis through segmentation. In <i>Proceedings of the 14th International Conference on Pattern Recognition Applications and Methods-ICPRAM</i>, pages 696–703, 2025* Mirco Gallazzi, Sara Biavaschi, Alessandro Bulgheroni, T Gatti, Silvia Corchs, and Ignazio Gallo. A large dataset to enhance skin cancer classification with transformer-based deep neural networks. <i>IEEE Access</i>, 2024* GALLO I., BINAGHI E., and RASPANTI M. Neural disparity computation for dense two-frame stereo correspondence. <i>PATTERN RECOGNITION LETTERS</i>, 29:673–687, 2008* ... – Main Conferences:<ul style="list-style-type: none">* Ignazio Gallo and Silvia Corchs. Thinking is like processing a sequence of spatial and temporal words. In <i>2024 International Joint Conference on Neural Networks (IJCNN)</i>, pages 1–8. IEEE, 2024* I. Gallo, A. Calefati, and S. Nawaz. Multimodal classification fusion in real-world scenarios. In <i>2017 14th IAPR International Conference on Document Analysis and Recognition (ICDAR)</i>, volume 05, pages 36–41, Nov 2017* ...
Peer Reviewer	IEEE Transactions on Geoscience and Remote Sensing, IEEE GRSL, Journal of Applied Remote Sensing.
Links	<ul style="list-style-type: none">– https://scholar.google.com/citations?user=zEOwQzIAAAAJ&hl=en

Varese, January 25, 2026

