CV outline: *Personal data* • *Education* • *Professional experience* • *Teaching experience* • *Distinctions & awards* • *Projects* • *Publications* • *Professional references*

CV – Short version

Last updated: March 20, 2025

Full version available at https://diegopeluffo.com/CV_Diego_Peluffo.pdf

Personal data

Name:	Diego Hernán Peluffo-Ordóñez
Date of birth:	October 25, 1986. (Pasto, Colombia)
Nationality:	Colombian
Position:	Head & Founder
	SDAS Resarch Group
	(https://sdas-group.com)
Personal website:	https://diegopeluffo.com
Other sites	iD SC 8 in R⁶ CvLAC
Contact:	

Phone: (Morocco) +212665396851
                        (Also WhatsApp)
Email: diego.peluffo@sdas-group.com

Profile summary

I was born in Pasto - Colombia in 1986. I received my degree in electronic engineering, Master's in industrial automation, and PhD in engineering from the Universidad Nacional de Colombia – Manizales, Colombia, in 2008, 2010 and 2013, respectively. In 2012, I undertook my doctoral internship at KU Leuven – Leuven, Belgium. From 2013 to 2014, I worked as a postdoctoral researcher at Université Catholique de Louvain – Louvain la-Neuve, Belgium. From 2014 to 2015, I worked as a lecturer at Universidad Cooperativa de Colombia - Pasto, Colombia. From 2015 to 2017, I worked as a researcher/professor at Universidad Técnica del Norte - Ecuador. From 2017 to 2020, I worked as a lecturer at the School of Mathematical and Computational Sciences from Yachay Tech University - Ecuador. From 2020 to 2022, I worked as a Consultant and Curriculum Author at deeplearning.ai. From 2022 to 2023, I worked as a Master's thesis advisor with the Artificial Intelligence Master's program from Universidad Internacional de La Rioja (UNIR) – Spain.

Currently, I am working as an assistant professor and researcher at the College of Computing (CC) from Mohammed VI Polytechnic University – Morocco. I am the founder and head of the SDAS Research Group. I work as an invited lecturer and an external researcher at Corporación Universitaria Autónoma de Nariño - Pasto, Colombia, invited lecturer and curriculum developer at Universidad Autónoma de Occidente - Cali, Colombia, and project lead and consultant at IDENAR - Pasto, Colombia. I am an external thesis advisor with PhD programs from Universidad de Granada - Spain, Universitat Politècnica de València - Spain, and Universidad Nacional de La Plata - Argentina. I am an external collaborator at Writing Lab from Tecnológico de Monterrey – Mexico. I have served as an organizing committee member (general chair, session chair, competitions chair) and a keynote speaker in several conferences. Also, I have served as a guest editor for the Computers and Electrical Engineering Journal.

I have worked on various medical, biological, and education applications involving complex, high-dimensional data analysis, and signal, image, and video analysis. At the theoretical research level, my main interests are spectral and kernel based methods for exploratory analysis and data representation.

CV outline: *Personal data* • *Education* • *Professional experience* • *Teaching experience* •
Distinctions & awards • *Projects* • *Publications* • *Professional references*

Education

2013: .... Doctorate in Engineering - Automatics.

Department of Electrical, Electronics and Computer Engineering.
Universidad Nacional de Colombia – Manizales.
PhD thesis: "Dynamic Spectral Clustering based on Kernels"
https://repositorio.unal.edu.co/handle/unal/19995

2009: .... Master's in Industrial Automation.

Department of Electrical, Electronic and Computer Engineering.
Universidad Nacional de Colombia – Manizales.
Master's thesis: "Comparative study of clustering methods for heartbeats of ECG signals"
https://repositorio.unal.edu.co/handle/unal/69982

2008: .... Electronic Engineering.

Department of Electrical, Electronic and Computer Engineering.
Universidad Nacional de Colombia – Manizales.

Professional experience

2020 - 2022 .... DeepLearning.AI - Palo Alto, California, USA.
Consultant/Curriculum author.
E-mail: hello@deeplearning.ai.

2021- 2022 .... IDENAR - Pasto, Colombia.
Consultant/Project lead.
E-mail: idenarsas@gmail.com.

2013 - 2014 .... Université Catholique de Louvain – Belgium.
Postdoctoral researcher.
Project promoters: Michel Verleysen and John A. Lee.
E-mail: michel.verleysen@uclouvain.be, john.lee@uclouvain.be.

2012 .... ESAT KU Leuven - Belgium.
Research intern. Visitor student.
Supervisor: Johan Suykens.
E-mail: Johan.Suykens@esat.kuleuven.be.

Teaching experience

2020 - Today .... Mohammed VI Polytechnic University – Morocco.
Assistant professor.
College of Computing.
Subjects: Machine learning, artificial intelligence, deep learning, time series analysis.
E-mail: cc@um6p.ma – Teléfono: +212 522929419, +212 525072852.

2017 - **2020** . . . . Yachay Tech University - Ecuador.
Lecturer.
School of Mathematical Sciences and information Technology.
Subjects: Software engineering, introduction to engineering, machine learning, algorithms.
E-mail: `talentohumano@yachaytech.edu.ec` – Phone: +593 6 2999130. Ext. 2630.

2016 - **2017** . . . . Universidad Técnica del Norte – Ecuador.
Researcher/Professor.
Faculty of Engineering in Applied Sciences. Electronic engineering program.
Subjects: Applied mathematics, signal analysis, digital systems.
E-mail: `info@utn.edu.ec` – Phone: +593 6 2997800. Ext. 7506.

2014 - **2016** . . . . Universidad Cooperativa de Colombia, sede Pasto – Colombia.
Researcher/Professor.
Faculty of Engineering. Industrial engineering program.
Subjects: Methods of study and communication, differential calculus and data processing.
E-mail: `ami.pasto@ucc.edu.co` – Phone: +57 2 7336706.

🏅 Distinctions, awards and scholarships

2023: Best Paper - 6th International Conference on Applied Informatics – ICAI 2023.

2020: Mejor Artículo (Best Paper) - Track Sistemas Inteligentes at JIISIC 2020 (Jornadas Iberoamericanas de Ingeniería de Software e Ingeniería del Conocimiento).

2019: Best Researcher of the Year 2019 Award by The Computational Sciences Department from Yachay Tech University.

2015: Best conference paper at Symposium of Image, Signal Processing, and Artificial Vision - STSIVA 2015.

2013 - **2014** Grant for a postdoctoral stay at the Université Catholique de Louvain (Louvain la-Neuve, Belgium). DRedVis project, funded by the Belgian National Scientific Research Fund (FRS-FNRS).

2010 - **2012** Scholarship for doctoral studies. "Estudiantes sobresalientes de postgrado" scholarship program. Universidad Nacional de Colombia – Manizales.

2010: Meritorious master's thesis entitled "Comparative study of clustering methods for heartbeats of ECG signals". Supervisor: César Germán Castellanos-Domínguez. Universidad Nacional de Colombia – Manizales.

2009 - **2010** Scholarship for master's studies. "Estudiantes sobresalientes de postgrado" scholarship program. Universidad Nacional de Colombia – Manizales.

2008: Scholarship for postgraduate studies awarded for honorary undergraduate degree. Universidad Nacional de Colombia – Manizales.

2008: Honorary undergraduate degree in Electronic Engineering. Universidad Nacional de Colombia – Manizales.

2003: "Mejores Bachilleres (Outstanding high school students)" scholarship for university study at Universidad Nacional de Colombia. Given by Instituto Técnico Industrial Municipal. Pasto, Colombia.

Research & consulting projects/Software/Hardware/Databases

Find the full information about my research projects at
https://www.diegopeluffo.com/index.php?tabFile=projects.html.

2023 (Database): Víctor Asanza, Leandro L. Lorente-Leyva, Diego H. Peluffo-Ordóñez, Daniel Montoya, Kleber Gonzalez, MILimbEEG: A dataset of EEG signals related to upper and lower limb execution of motor and motor imagery tasks, https://doi.org/10.1016/j.dib.2023.109540.

2022 (Project): *Development of a video game for SMART FACTORY training [Desarrollo del Juego de Video denominado SMART FACTORY].* Project lead (Principal researcher). IDENAR – Colombia. Duration: 4 months.

2021 (Hardware): *Temperature and Speed Control Lab (TSC-Lab).* Certification: OSHWA UID EC000003. Country: Ecuador. Date: July 15, 2021.
Online certificate: https://certification.oshwa.org/ec000003.html

2021 (Hardware): *PHASE ENERGY METER 100A (2PEM-100A).* Certification: OSHWA UID EC000004. Country: Ecuador. Date: December 01, 2021.
Online certificate: https://certification.oshwa.org/ec000004.html

2021 (Project): *Development of a technological solution with remote access virtual laboratories, based on emerging technologies, as an internationally scalable business model, offering services to improve the quality of education [Desarrollo de una solución tecnológica con laboratorios virtuales de acceso remoto, basado en tecnologías emergentes, como modelo de negocio escalable a nivel internacional, de oferta por servicio para mejorar la calidad de la educación].* Project lead (Principal researcher). IDENAR – Colombia. Duration: 1 year.

2020 (Database): Jorge Parraga-Alava, Jorge Dario Moncayo-Nacaza, Javier Revelo-Fuelagán, Paul D. Rosero-Montalvo, Andrés Anaya-Isaza, Diego Hernán Peluffo-Ordóñez, A data set for electric power consumption forecasting based on socio-demographic features: Data from an area of southern Colombia PCSTCOL), https://doi.org/10.1016/j.dib.2020.105246.

2019 (Database): Paul D. Rosero-Montalvo, Diego Peluffo-Ordóñez, January 23, 2019, "Alcohol Detection in Drivers by Sensors and Computer Vision", IEEE Dataport,
doi: https://dx.doi.org/10.21227/mnja-3553.

2019 (Database): Edison A. Fuentes-Hernández, Paul D. Rosero-Montalvo, Diego Peluffo, March 29, 2019, "Footstep analysis using Pressure Sensors", IEEE Dataport,
doi: https://dx.doi.org/10.21227/kqm6-1877.

2018 (Project): *Spirometry database: SpiDB project.* Principal Researcher. Universidad del Cauca – Colombia. Duration: Ongoing.

2017 (Project): *Development of an interactive and effective methodology for Big Data visualization.* External researcher. University of Nariño – Colombia. Duration: 2 years.

2016 (Project): *Methodology of information visual analysis in Big Data*. Project director. Universidad Técnica del Norte – Ecuador. Reference: UTN-FICA-2016-0636 del 12/06/2016. Duration: 1 year.

2015 (Project): *"Análisis de oportunidades de fuentes energéticas alternativas en el departamento de Nariño (Analyisis of alternative energy sources at Nariño-Colombia)"*. Universidad de Nariño – Colombia. Professional researcher. Duration: 6 months.

2015 (Project): *Modular design methodology for production plants*. Nariño–Colombia. Advisor. Duration: 1 year.

2015 (Project): *Low-cost prototype for biofeedback applications*. Nariño–Colombia. Advisor. Duration: 1 year.

2013-**2014 (Project):** *Dimensionality reduction and data visualization*. Post-doctoral researcher. UCL-Université Catholique de Louvain. Louvain la-Neuve, Belgium.

Thesis advisory

More information at: https://diegopeluffo.com/index.php?tabFile=advisory.html.

Doctoral theses

1. **Doctoral thesis:** *Reconstrucción 3D de escenarios en tiempo real a partir de cámaras de tipo monocular empleando técnicas de inteligencia artificial [Real-time 3D reconstruction of scenarios from monocular cameras using artificial intelligence techniques]* by Erick Patricio Herrera-Granda. Advisor(s): Juan Carlos Torres, Diego Hernán Peluffo-Ordóñez, Universidad de Granada, Spain, 2024.
Available from: https://digibug.ugr.es/handle/10481/90846

2. **Doctoral thesis:** *Diseño de sistemas inteligentes de realidad virtual para la monitorización de entornos en Smart Factory [Design of intelligent virtual reality systems for the monitoring of environments in Smart Factories Factory]* by Luis Omar Alpala. Advisor(s): Juan Carlos Torres, Diego Hernán Peluffo-Ordóñez, Universidad de Granada, Spain, 2023.
Available from: https://digibug.ugr.es/handle/10481/85698

3. **Doctoral thesis:** *Modelo de fusión de datos orientado a la calidad de la información [Data fusion model oriented to information quality]* by Miguel Alberto Becerra-Botero. Advisor(s): Diego Hernán Peluffo-Ordóñez, Catalina Tobón-Zuluaga. Universidad de Medellín, Colombia, 2023.
Available from: https://www.diegopeluffo.com/Theses/2023_PhD_Thesis_Miguel_Becerra.pdf

4. **Doctoral thesis:** *Sistema genérico de razonamiento basado en casos multi-clase como soporte al diagnóstico médico mediante técnicas de reconocimiento de patrones [Generic multi-class case-based reasoning system to support medical diagnosis by means of pattern recognition techniques]* by Xiomara Patricia Blanco-Valencia. Advisor(s): Diego Hernán Peluffo-Ordóñez, Juan Francisco de Paz Santana, Juan Manuel Corchado. Universidad de Salamanca, Spain, 2017.
Available from: https://gredos.usal.es/handle/10366/135721

5. **Doctoral thesis (Ongoing):** *Generic kernel based formulation for Exploratory Data Analysis* by Yahya Aalaila. Advisor(s): Diego Hernán Peluffo-Ordóñez, Mohammed VI Polytechnic University, Morocco.

6. **Doctoral thesis (Ongoing):** *Generic divergence-based formulation for Exploratory Data Analysis* by Mouad ELHamdi. Advisor(s): Diego Hernán Peluffo-Ordóñez, Mohammed VI Polytechnic University, Morocco.

7. **Doctoral thesis (Ongoing):** *Interpretability in deep learning techniques for precision agriculture* by Hind Raki. Advisor(s): Diego Hernán Peluffo-Ordóñez, Mohammed VI Polytechnic University, Morocco.

8. **Doctoral thesis (Ongoing):** *Supervised kernel expectile-based data-driven approaches for tail risk estimation* by Sami Bamansour. Advisor(s): Diego Hernán Peluffo-Ordóñez, Mohammed VI Polytechnic University, Morocco.

9. **Doctoral thesis (Ongoing):** *Planificación de Operaciones Dinámica e Inteligente en Empresas Textiles Ecuatorianas: Contexto determinista e incierto [Dynamic and Intelligent Operations Planning in Ecuadorian Textile Companies: Deterministic and Uncertain Context]* by Leandro Leonardo Lorente-Leyva. Advisor(s): María del Mar Alemany Díaz, Diego Hernán Peluffo-Ordóñez. Universitat Politècnica de València, Spain.

10. **Doctoral thesis (Ongoing):** *Métodos y modelos multi-objetivo para optimizar la gestión de cadenas de suministro de pequeñas y medianas empresas agroalimentarias ecuatorianas [Multi-objective methods and models to optimize the management of supply chains of small and medium-sized Ecuadorian agrifood companies]* by Israel David Herrera-Granda. Advisor(s): María del Mar Alemany Díaz, Diego Hernán Peluffo-Ordóñez. Universitat Politècnica de València, Spain.

11. **Doctoral thesis (Ongoing):** *I-SDR: Método generalizado de reducción de atributos mediante la visualización interactiva de los datos [I-SDR: Interactive Spectral Dimensionality Reduction]* by Cosme MacArthur Ortega-Bustamante. Advisor(s): Waldo Hasperué, Diego Hernán Peluffo-Ordóñez. Universidad Nacional de La Plata, Argentina.

12. **Doctoral thesis (Ongoing):** *Método de reconstrucción cardiaca 3D como solución al problema inverso de la electrocardiografía para la generación de mapas de potenciales superficiales cardiacos a partir de un arreglo denso de electrocardiogramas (ECGs) y geometría específica del torso-corazón [3D cardiac reconstruction method as a solution to the inverse problem of electrocardiography for the generation of cardiac surface potential maps from a dense array of electrocardiograms (ECGs) and specific torso-heart geometry]* by Dagoberto Mayorca-Torres. Advisor(s): Alejandro José León Salas, Diego Hernán Peluffo-Ordoñez, Universidad de Granada, Spain.

Other advisories: 15 **Master's** and 27 **undegraduate theses**. Information at:
https://diegopeluffo.com/index.php?tabFile=advisory.html.

Guest editor/Invited talks/Organizing and Program committees

[1]. General Chair (2025): 8th International Conference on Applied Informatics, Benguerir, Morocco, October 8-10, 2025. Link: https://icai.itiud.org/index.php?pid=committees

[2]. Scientific Committee/Editorial Committee Member (2024 - 2025): The 2025 IFE Conference, Monterrey, Mexico, January 28-30, 2025. Link: https://ifeconference.tec.mx/en-US/comite

[3]. <u>Workshop organizer and speaker</u>: The 2024 IEEE-EMBS International Conference on Biomedical and Health Informatics (BHI), sponsored by the IEEE Engineering in Medicine and Biology Society (IEEE EMBS) (BHI 2024), Texas, from November 10-13, 2024. <u>Workshop</u>: AI in Tele-echography: Opportunities and Challenges for Clinical Applications. Link: https://bhi.embs.org/2024/workshops/

[4]. <u>Guest Editor (2023 - 2024)</u>: Mathematics journal. Special issue: Artificial Intelligence and Meta-heuristics: Connections and Applications. This special issue belongs to the section "D2: Operations Research and Fuzzy Decision Making". Link:

  https://www.mdpi.com/journal/mathematics/special_issues/537TYSB390

[5]. <u>Editor (2020 - 2022)</u>: Technology-Enabled Innovations in Education Select Proceedings of CIIE 2020. Link: https://link.springer.com/book/9789811933820

[6]. <u>Open invited track organizer</u>: 11th IFAC Symposium on Biological and Medical Systems (BMS2021). Link: https://bms2021.ugent.be/OIT.html

[7]. <u>Guest editor (2020 - 2021)</u>: Special Issue: The Impact of Technological Advancements on Educational Innovation (VSI-tei). Journal: Computers and Electrical Engineering. Link:

  https://www.sciencedirect.com/journal/computers-and-electrical-engineering/special-issue/10D88TM9Z6H

[8]. <u>Plenary talk</u>: Kernel-based approaches for time-varying data analysis within unsupervised settings. Latin American Workshop on Computational Neuroscience. São João del-Rei, MG - Brazil - September, 18-20, 2019. Link: https://lawcn.co/2019/keynote.html

[9]. <u>Plenary talk</u>: Interactive data visualization of high-dimensional data: A dimensionality reduction viewpoint. ICAETT 2019 - Intenational Conference on Advances in Emerging Trends and Technologies. Link:

  http://icaett-conferences.org/icaett2019/interactive-data-visualization-of-high-dimensional-data-a-dimensionality-reduction-viewpoint/

[10]. <u>Organizing committee member</u>: IEEE Latin American Conference on Computational Intelligence – LA-CCI.
  2019 (https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9036759)
  2016 (https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=7885692)

[11]. <u>General chair</u>: TICEC 2017.
  Link: https://ticec2017.cedia.edu.ec/comite-organizador/

Selected publications

Find the full list of publications at https://sdas-group.com/members/Diego-Peluffo/.

[1] J. A. Castro-Silva, M. N. Moreno-García, L. Guachi-Guachi, and D. H. Peluffo-Ordóñez, "Novel hippocampus-centered methodology for informative instance selection in alzheimer's disease data," *Heliyon*, no. 19, 2024. [Online]. Available: https://www.cell.com/heliyon/fulltext/S2405-8440(24)13583-9

[2] D. Mayorca-Torres, A. J. León-Salas, and D. H. Peluffo-Ordoñez, "Systematic review of computational techniques, dataset utilization, and feature extraction in electrocardiographic imaging," *Medical & Biological Engineering & Computing*, 2025. [Online]. Available: https://link.springer.com/article/10.1007/s11517-024-03264-z

[3] E. P. Herrera-Granda, J. C. Torres-Cantero, and D. H. Peluffo-Ordóñez, "Monocular visual slam, visual odometry, and structure from motion methods applied to 3D reconstruction: A comprehensive survey," *Heliyon*, vol. 10, no. 18, p. e37356, 2024. [Online]. Available: https://www.sciencedirect.com/science/article/pii/S2405844024133877

[4] L. L. Lorente-Leyva, M. Alemany, and D. H. Peluffo-Ordóñez, "A conceptual framework for the operations planning of the textile supply chains: Insights for sustainable and smart planning in uncertain and dynamic contexts," *Computers & Industrial Engineering*, vol. 187, p. 109824, 2024. [Online]. Available: https://www.sciencedirect.com/science/article/pii/S0360835223008483

[5] H. Raki, Y. Aalaila, A. Taktour, and D. H. Peluffo-Ordóñez, "Combining AI tools with non-destructive technologies for crop-based food safety: A comprehensive review," *Foods*, vol. 13, no. 1, 2024. [Online]. Available: https://www.mdpi.com/2304-8158/13/1/11

[6] C. Nyasulu, A. Diattara, A. Traore, C. Ba, P. M. Diedhiou, Y. Sy, H. Raki, and D. H. Peluffo-Ordóñez, "A comparative study of machine learning-based classification of tomato fungal diseases: Application of glcm texture features," *Heliyon*, 2023. [Online]. Available: https://www.sciencedirect.com/science/article/pii/S2405844023089053

[7] M. Argotty-Erazo, A. Blázquez-Zaballos, C. A. Argoty-Eraso, L. L. Lorente-Leyva, N. N. Sánchez-Pozo, and D. H. Peluffo-Ordóñez, "A novel linear-model-based methodology for predicting the directional movement of the euro-dollar exchange rate," *IEEE Access*, vol. 11, pp. 67 249–67 284, 2023. [Online]. Available: https://ieeexplore.ieee.org/document/10147811

[8] A. Acosta, R. Gallo, P. García, and D. Peluffo-Ordóñez, "Positive invariant regions for a modified van der pol equation modeling heart action," *Applied Mathematics and Computation*, vol. 442, p. 127732, 2023. [Online]. Available: https://www.sciencedirect.com/science/article/pii/S0096300322008001

[9] A. Anaya-Isaza, L. Mera-Jiménez, J. Cabrera-Chavarro, L. Guachi-Guachi, D. Peluffo-Ordóñez, and J. Rios-Patiño, "Comparison of current deep convolutional neural networks for the segmentation of breast masses in mammograms," *IEEE Access*, 2021. [Online]. Available: https://ieeexplore.ieee.org/document/9614200

[10] M. Becerra, Y. Uribe, D. Peluffo-Ordóñez, K. C. Álvarez Uribe, and C. Tobón, "Information fusion and information quality assessment for environmental forecasting," *Urban Climate*, vol. 39, p. 100960, 2021. [Online]. Available: https://www.sciencedirect.com/science/article/pii/S2212095521001905

[11] S. Hosseini, D. Peluffo, K. Okoye, and J. T. Nganji, "The impact of technological advancements on educational innovation (vsi-tei)," *Computers & Electrical Engineering*, vol. 93, p. 107333, 2021. [Online]. Available: https://www.sciencedirect.com/science/article/pii/S0045790621003050

[12] P. D. Rosero-Montalvo, V. F. Lopez-Batista, and D. H. Peluffo-Ordonez, "Hybrid Embedded-Systems-based Approach to in-Driver Drunk Status Detection using Image Processing and Sensor Networks," *IEEE Sensors Journal*, 2020. [Online]. Available: https://ieeexplore.ieee.org/document/9258992

[13] P. D. Rosero-Montalvo, D. H. Peluffo-Ordonez, V. F. Lopez Batista, J. Serrano, and E. A. Rosero, "Intelligent system for identification of wheelchair user's posture using machine learning techniques," *IEEE Sensors Journal*, 2019. [Online]. Available: https://ieeexplore.ieee.org/document/8565996

[14] J. A. Lee, D. H. Peluffo-Ordóñez, and M. Verleysen, "Multi-scale similarities in stochastic neighbour embedding: Reducing dimensionality while preserving both local and global structure," *Neurocomputing*, vol. 169, pp. 246–261, dec 2015. [Online]. Available: https://linkinghub.elsevier.com/retrieve/pii/S0925231215003641

[15] J. Rodríguez-Sotelo, A. Osorio-Forero, A. Jiménez-Rodríguez, D. Cuesta-Frau, E. Cirugeda-Roldán, and D. Peluffo, "Automatic sleep stages classification using EEG entropy features and unsupervised pattern analysis techniques," *Entropy*, vol. 16, no. 12, pp. 6573–6589, 2014, cited By 59. [Online]. Available: https://www.mdpi.com/1099-4300/16/12/6573

[16] J. Rodríguez-Sotelo, D. Peluffo-Ordoñez, D. Cuesta-Frau, and G. Castellanos-Domínguez, "Unsupervised feature relevance analysis applied to improve ECG heartbeat clustering," *Computer Methods and Programs in Biomedicine*, vol. 108, no. 1, pp. 250–261, oct 2012. [Online]. Available: https://linkinghub.elsevier.com/retrieve/pii/S0169260712001095

Professional references

Michel Verleysen, Ph.D.
Full professor
Université Catholique de Louvain (UCL) - Belgium
E-mail: michel.verleysen@uclouvain.be
Phone: +32 10 47 25 51
Work website: https://mlg.info.ucl.ac.be/Members/MichelVerleysen

Johan Suykens, Ph.D.
Full professor
Katholieke Universiteit Leuven (KU Leuven) - Belgium
Phone: +32 1632 18 02
E-mail:johan.suykens@esat.kuleuven.be
Work website: https://www.esat.kuleuven.be/sista/members/suykens.html

Juan Carlos Torres, Ph.D.
Full professor
Universidad de Granada - Spain
E-mail: jctorres@ugr.es
Phone: +34 665 51 38 70, +34 645 885 167
Work website: https://lsi.ugr.es/lsi/jctorres

Carlos Alberto Cobos Lozada, Ph.D.
Full professor
Universidad del Cauca - Colombia
Phone: +57 310 4125589
E-mail:ccobos@unicauca.edu.co
Work website: https://facultades.unicauca.edu.co/sistemas/docentes/carlos-alberto-cobos-lozada

Javier Revelo, Ph.D.
Associate professor
Universidad de Nariño - Colombia
Phone: +57 321 802 83 58
E-mail:javierrevelof@udenar.edu.co
Work website: https://sdas-group.com/members/Javier-Revelo/

Diego Hernán Peluffo-Ordóñez