Wolfram Rozas

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EMPLOYMENT

From September 2024 to present	**CUNEF Universidad** *Associate Professor belonging to the Quantitative Methods Department. Neural Networks & Deep Learning*
From March 2024 to present	**UNIVERSIDAD EUROPEA** Faculty B - I belong to Online Department. School of Architecture, Engineering and Design [STEAM] Master's Thesis Director. Master of Artificial Intelligence
From May 2022 to present	**HABBER TEC** *Director of Data & Artificial Intelligence*
From July 1997 to March 2020	**IBM** *Consulting (Senior Manager), Director of Business Analytics & Optimization, Sales Executive, Business Development Executive in Energy & Utilities and Chemical and Petroleum*
From January 1997 to October 2002	**PricewaterhouseCoopers Consulting (Madrid)** *Senior Manager. Customer Analytics Leader*

EDUCATION

- Bachelor's Degree in Economics, UNED, 2007
- PhD in Industrial Technology from the UNED Technical College for Industrial Engineers, 2024. Thesis *Artificial Intelligence Predictive Models for Local Renewable Energy Markets*

FIELDS OF INTEREST

Artificial intelligence, Games theory, Local Energy Markets, Algorithmic Trading

PUBLICATIONS

Pastor-Vargas, R., Rozas-Rodríguez, W., Manero, J.: Emerging trends: Artificial Intelligence, deep learning, big data, and the role of digital twins applied to energy communities. *Elsevier. Energy Communities: Fundamentals, Technologies, and Emerging Trends*, Elsevier, 2025

Rozas-Rodríguez, W., Pastor-Vargas R., Peacock, A.D., Kane, D., Carpio-Ibanez, J.: "BESS Reserves Optimisation in Energy Communities", Sustainability, Issue 18, Volume 16, 2024

Rozas, W., Pastor-Vargas R., García-Vico, A.M., Carpio, J.: "Consumption–Production Profile Categorization in Energy Communities", Energies, Issue 19, Volume 16, 2023

Rozas W., Manero J., Pastor R., Carpio, J.: Inteligencia Artificial para la Orquestación del modelo eléctrico del futuro. Revista Economía Industrial (Ministerio de Industria, Comercio y Turismo). 2022

Working Group on Data Stewardship (included Rozas, W.): "El papel de la estadística oficial en la administración y gestión de datos. ", Consejo Superior de Estadística. 2021

Gallego V., Naveiro R., Ríos Insua D., Rozas, W.: "Data sharing games" *Cornell University* https://arxiv.org/abs/2101.10721. 2021

Rozas W.: "Optimización de Precios". Harvard Deusto Business Review. 2006

Rozas W.: "Conocimiento Estratégico: cómo crear valor con la gestión del conocimiento". Harvard Deusto Business Review. 1999

SELECTED ACADEMIC HONOURS AND GRANTS

- Award for Academic Achievement presented by the Minister of Industry, Trade, and Tourism, Reyes Maroto, July 16th, 2019
- Appointed by the INE (Instituto Nacional de Estadística) in July 2020, member of the Working Group for Data Stewardship of the Higher Council of Statistics
- PhD Thesis *Artificial Intelligence Predictive Models for Local Renewable Energy Markets* was graded outstanding cum laude, September 13th, 2024
- IBM Industry Gold Program in Energy, Environment & Utilities (2019/03-2020/02), Brussels, February 2020

SELECTED PRESENTATIONS
CONFERENCES

"Consumption–Production Profile Categorization in Energy Communities", EUROPEAN CONFERENCE on RENEWABLE ENERGY SYSTEMS (ECRES), Mallorca, 2024/7

"Production and consumption load profile characterization in Energy Communities", EUROPEAN CONFERENCE on RENEWABLE ENERGY SYSTEMS (ECRES), Riga, 2023/5

"State of the Art of Machine Learning in Renewable Energy", UNED, Madrid, 2022/11

"Data Governance. Opportunities for the Public Sector   Salesforce", Madrid, 2022/07

"Smart Local Energy Markets", Universidad del País Vasco, Bilbao, 2022/06

"Data Governance. How do we start?", PENTEO, Madrid, 2022/06

"Introduction to Artificial Intelligence", Factoría de Sueños, Madrid, 2022/02

"Big Data use cases applied to different industrial sectors", UNED, Madrid, 2021/07

"Feeling the technology in the skin, CIFMERS, Madrid, 2021/03

"Hybrid. The new no normality (HR conference)", AEDIPE, Madrid, 2021/02

SEMINARS

"AI training course for CESEDEN teachers", UNIVERSIDAD NEBRIJA, Madrid, 2025/9

"Artificial Intelligence Program applied to Business Strategy (EMERITUS program), UNIVERSIDAD DE NAVARRA, Madrid, 2024

"Control functionality and forecasting in the EU FEDECOM project and Datalab work", HERIOT-WATT UNIVERSITY-SCHOOL OF ENERGY, GEOSCIENCE, INFRASTRUCTURE AND SOCIETY, Edinburgh, 2023

"SERMAS - IA for Healthcare Program", UNIVERSIDAD DE NAVARRA, Madrid, 2023

"Merck Smart Health Awareness and Advanced Programs", UNIVERSIDAD DE NAVARRA, Madrid, 2023

"Machine Learning Course", INECO, Madrid, 2023/2022

"Credit Risk Scoring Model", TELEFONICA- Financial Department, Madrid, 2023/4

"Individual Study - BSc Computing, Digital Forensics, and Cybersecurity. Tutoring of research works". CANTERBURY CHRIST CHURCH UNIVERSITY, Madrid, 2022/9-2023/3

"Local Energy Markets in Renewables Marine Energies Master", UNIVERSIDAD DEL PAIS VASCO, Bibao, 2022/7

"Master 5A. Cours d'Introduction à l'Intelligence Artificielle", UNIVERSITÉ CATHOLIQUE DE LILLE, Lille/Paris 2022/4

PROFESSIONAL ACTIVITIES

From May 2022 to present, HABBER TEC,Director of Data & Artificial Intelligence

From March 2005 to present, ESCUELA DE ORGANIZACIÓN INDUSTRIAL (EOI), Director of Master of Artificial Intelligence (SAMSUNG program), Director of Big Data & Artificial Intelligence Strategy Program, teacher of Big Data & AI in Executive MBA Program and Master in Big Data and Business Analytics, teacher in Big Data & AI in-company courses (GRUPO PRISA; SECURITAS; CEPSA; TELEFONICA; JUNTA DE ANDALUCIA; BANKIA; SANDETEL; ACCIONA; INECO; RENFE; REPSOL; IDEA; COVISIAN; INDESIA; FEMETAL; Ukraine Goverment)

From March 2002 to March 2021, IBM, Cognitive & Industrial Solutions Business Development Executive in Energy & Utilities and Chemical and Petroleum, Analytics Business Development Executive in Big Data, SPGI Competitive Executive Manager in Competitive Growth Initiative, Global Business Services People Manager of Business Analytics & Optimization,

From July 1997 to October 2002, PRICEWATERHOUSECOOPERS CONSULTING (Madrid), Senior Manager. Customer Analytics Leader

From January to July 1997, PRICE WATERHOUSE NATIONAL ADMINISTRATION CENTER (Tampa, Florida), Internal Revenue Data Mart Project Manager

From October 1995 to January 1997, GRUPO GESFOR, Account Manager

From Octuber 1995, FG SOCIEDAD DE VALORES Y BOLSA, Financial Applications analyst in Systems Department

From January 1991 to June 1994, CAISSE NATIONAL DE CREDIT AGRICOLE (Madrid), Financial Applications analyst in Systems Department

From July 1989 to January 1991, CITIBANK NA (Madrid), Dealer junior. Capital Markets