Prof. Karina Gibert [♀]

Karina is a Full Professor at the Universitat Politècnica de Catalunya-BarcelonaTech (UPC) with a teaching position at UPC desde 1990. ORCID id: 0000-0002-8542-3509, H-index: 29 (https://www.eio.upc.edu/en/homepages/karina, karina.gibert@upc.edu, Twitter: @karinagibertk). Bachelor and PhD in Informatics Engineering with specialities in Computational Statistics and Artificial Intelligence. Postgraduate in Higher Education Teaching (UPC, 1996). Director and cofounder of the research center Intelligent Data Science and Artificial Intelligence (IDEAI, en- 2018), former secretary of IDEAI (2017-2021). Vicedean for Equity and Ethics of the Official Professional College of Informatics Engineering of Catalonia (COEINF, June 2020-). Expert ant co-writer of the Catalan Strategy for AI of the Catalan government, Catalonia.ai (from Oct 2018, Generalitat de Catalunya, enacting from Feb 2018, 28th) she participates in its current deployment.

Her main research interests are to extract strategic knowledge from data and intelligent systems from an ethics and explainable perspective. Very active in bridging the gender gap in the STEAM sector she founded up to 5 gender working groups. WiDS (Standford) ambassador for Barcelona from 2021. Editor of JRC journal Environmental Modeling and Software, Elsevier, (Jan 2018-).

IP from projects Diet4You project (TIN2014-60557-R, to assess on personalized diets for healthy life-styles and taking into account health, life styles and gene-expressions); INSESS-COVID19 project (CCD-COVID-L019) to discover new social vulnerabilities produced by COVID19 crisis; Top Secret Rosies Talent (2022-) to create female talent in AI; ciutadanIA (may 2022-) to promote AI culture in society. IP of the software development of KLASS (1989-, data sciente and AI tool) and KET (2017-), for collaborative evaluation of teaching activities). systems. She has long experience in the health and wellness domains , environmental systems and sustainability, tourism, digital transformation and social and ethical uses of technology, among others, . Essential characteristics of her research are the multidisciplinarity, the externalization, the internationalization and technology transfer to society.

Awards: Ada Byron Award 2022, (ANoite Galicia Engineering school). Honorific Mention of Creu Casas award 2021 and 2022 women for changing world (Catalan Studies Institute), donaTIC 2018 Award in the academic/researcher category (Generalitat de Catalunya, Dec 2018). Finalist at AMETIC Awards 2021 for the project Top Secret Rosies. Finalist of European Social Services Awards 2021 fot the project INSESS-COVID19. First HackingBullipedia contest Award (nov 2013), related with the famous chef Ferran Adrià, with the project GENESIS: Intelligent decision support for creativity through evolutive analysis, vimeo.com/78143348. "Highly accessed paper" distinction to HARPS 8(28)1:16. EU-best e-Health European project Award to K4Care project (Feb 2010) for the high quality standards achieved. Elected Fellow from iEMSs (Jul 2007).