MARIE SKŁODOWSKA-CURIE POSTDOCTORAL FELLOWSHIPS 2022

EXPRESSION OF INTEREST FOR HOSTING MARIE CURIE FELLOWS

HOST INSTITUTION

CICS.NOVA of NOVA University of Lisbon

RESEARCH GROUP AND URL

Citizenship, Work and Technology

SUPERVISOR (NAME AND E-MAIL)

Nuno Boavida nuno.boavida@fcsh.unl.pt

SHORT CV OF THE SUPERVISOR

Doctor Nuno Boavida is a specialist working in the intersection of technology and labour. The researcher of CICS.NOVA at NOVA University of Lisbon is the Deputy Director of its Observatory of Technology Assessment since 2016. He is presently involved in the following European projects:

• SOLSTICE | Sodium-Zinc Molten Salt Batteries for Low-cost Stationary Storage (Researcher of the Portuguese team; 2022-2024, www.solstice-battery.eu);

• TWING | Exploring the contribution of social dialogue and collective bargaining in the promotion of decent and productive telework in the post-COVID-19 scenario (Researcher of the Portuguese team; 2022-2024);

• POSTING OF WORKERS | Enhancing administrative cooperation and access to information (Researcher of the Portuguese team; 2022-2023).

• InteliArt | Artificial intelligence: Effects on work and employment (Researcher of the Portuguese team; 2022-2024).

Previously, Doctor Boavida was an invited researcher at the Institute for Technology Assessment and System Analysis of the Karlsruhe Institute of Technology in Germany (2012-2016). After his PhD, he has developed several European projects: CROWDWORK – Finding new strategies to organise workers of digital platforms in the Gig economy (as Scientific Leader of the Consortium, 2019-2021); INVOLVE | Involving social partners in dual Vocational Training governance: Exploring the contribution of social partners in the design, renewal and implementation of dual VET (as Principal investigator of the Portuguese team, 2020-2022); WORK-LIFE BALANCE | Role of collective bargaining in shaping work-life balance in the public service sector: Challenges and perspectives (Principal investigator of the Portuguese team, 2020-2022); METALWORKERS 4.0 | Study of the high skills of employees as a measure for high adaptability of enterprises to technological changes (as member of the Portuguese team, 2020-2022); DEEP VIEW | Social dialogue and collective bargaining practices that address the various effects of teleworking, digital work, virtual work and/or telecommuting (as member of the Portuguese team, 2018-2020); and in several other research projects related to innovation indicators, technology assessment and labour studies (2009-2015).

5 SELECTED PUBLICATIONS

PUBLISHED IN PEER-REVIEWED JOURNALS

Moniz, A., Marta Candeias and Nuno Boavida, N. (2022) "Changes in productivity and labour relations: AI in the automotive sector in Portugal", *International Journal of Automotive Technology and Management* (Quartile 2 in Automotive Engineering in 2021 and Quartile 3 in Strategy and Management in 2021, H-Index 24), Vol. X, No. Y, xxxx. (https://www.mdpi.com/2075-4698/11/3/101)

Boavida, N., António Moniz and Isabel Roque (*Approved*) "Collective voice and organizing in digital labour platforms in Portugal", *Journal of Labor and Society*.
https://drive.google.com/file/d/1vmLRDz08nBFWGko_UMfGwqLf61RTrr-8/view?usp=sharing

Peliz, M., Nuno Boavida, António Brandão Moniz and Yuliya Kuznetsova. 2021. "The role of social partners in the governance of Dual Vocational Education and Training System: The Portuguese case", *Forum Sociológico* (39). URL: http://journals.openedition.org/sociologico/10317 ; DOI: https://doi.org/10.4000/sociologico.10317

Boavida, N. and Marta Candeias. 2021. "Recent automation trends in Portugal: implications on industrial productivity and employment in automotive sector", *Societies (Quartile 2 in 2021 of Social Sciences miscellaneous, H-Index 30)*. https://www.mdpi.com/2075-4698/11/3/101

Boavida, N. and António Brandão Moniz. 2020. "Virtual work in Portugal: a literature review", *International Journal on Working Conditions*, 19, June. ISSN 2182-9535.
http://ricot.com.pt/artigos/1/IJWC.19_Boavida&Moniz_p.1.15.pdf

PROJECT TITLE AND SHORT DESCRIPTION

Artificial intelligence: Effects on work and employment

Project InteliArt aims to identify the probable penetration of AI in the next decade and to study its effects on work organization, employment and industrial relations systems in a selection of European countries. InteliArt will answer four questions: What is the expectable penetration of AI in selected European countries? What are the effects of AI on work organisation and employment? What are the effects of AI in the industrial relations systems? Can social partners agree on measures to mitigate AI effects in work and employment? The project will study the effects of AI in three sectors: banking, automotive and ports. InteliArt will develop interviews and focus groups with innovation experts and technology managers in companies about the penetration of AI, experts on work organization and labour processes and actors of industrial relations. Results will contribute not only to companies and industrial actors working within the three sectors, but also to the debates about the automation effects on the organization of work, employment and industrial relations.

SCIENTIFIC AREA WHERE THE PROJECT FITS BEST*

Social Sciences and Humanities (SOC)

Scientific Area where the project fits best – Please select/indicate the scientific area according to the panel evaluation areas: Chemistry (CHE) • Social Sciences and Humanities (SOC) • Economic Sciences (ECO) • Information Science and Engineering (ENG) • Environment and Geosciences (ENV) • Life Sciences (LIF) • Mathematics (MAT) • Physics (PHY)