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Currículo

Haris Hassan is a Systems Design Engineer at Nokia in Lisbon, Portugal, and a Marie Skodowska-Curie Doctoral Fellow in the NESTOR Doctoral Network under the Horizon Europe programme, pursuing a Ph.D at ISCTE University. He possesses a B.Sc. in Electrical (Telecom) Engineering, and an Erasmus Mundus Joint M.Sc. in Photonic Integrated Circuits, Sensors and Networks (PIXNET) from Aston University, UK, and Scuola Superiore Sant'Anna, Italy. His professional experience spans academia, entrepreneurship, research, freelancing and engineering roles. His current research focuses on optical networks, coherent transceivers, compliance automation, LLM, and AI-driven network design & analytics. His previous research interests include photonic integrated circuits, optical fiber sensing, biosensing, and communication systems. He is the recipient of the **Marie Skodowska-Curie Doctoral Fellowship** and the **Erasmus Mundus Scholarship** awarded by the European Commission.

Áreas de Investigação

Optical Networks
Artificial Intelligence
Large language models

Qualificações Académicas

Universidade/Instituição	Tipo	Curso	Período
Aston University	Mestrado	Photonic Integrated Circuits, Sensors and Networks (PIXNET)	2021
Scuola Superiore Sant'Anna, Italy	Mestrado	Photonic Integrated Circuits, Sensors and Networks (PIXNET)	2021

Publicações

• Revistas Científicas

- Artigo em revista científica

1	Hassan, H., Pedro, J. & Cancela, L. (2026). LLM-assisted standards conformance evaluation of optical transceivers through executable normative rules and a canonical crosswalk. Photonics, 13(10). https://doi.org/10.3390/photonics13100927

• Conferências/Workshops e Comunicações

- Publicação em atas de evento científico

1	Hassan, H., Pedro, J. & Cancela, L. (2026). Automated Extraction of Parameters from Optical Transceiver Datasheets using Multi-Stage LLM Pipeline. 2026 26th International Conference on Transparent Optical Networks (ICTON) (pp. 1?6). IEEE. https://doi.org/10.1109/ICTON71309.2026.11705185 - N.º de citações Google Scholar: 1

Prémios

Marie Skodowska-Curie Doctoral Fellowship (2025)
Erasmus+ Mundus (EMJMD) Scholarship (UK, Italy) (2019)

Redes de Investigação

Nome da Rede de Investigação	Papel do Representante	Período
NESTOR (Next generation high-speed optical networks for metro access)	Doctoral Candidate	2026