



SHORT BIO

Yasser Omar

[Yasser Omar](#) works in quantum information science and in the physics of information. He studied Physics at IST, ULisbon, and obtained his PhD at the Centre for Quantum Computation at the University of Oxford, in the UK. He is the founder and leader of the [Physics of Information and Quantum Technologies Group](#), at Instituto de Telecomunicações. His research interests lie in quantum computation, quantum networks, and the physics of information. He is also the founder and director of the Doctoral Programme in the Physics and Mathematics of Information at IST, University of Lisbon. In the last 7 years, he was won 1 American and 7 European research projects related to quantum information. In 2020, he founded the startup Y Quantum, devoted to quantum technologies. Since 2018, he has been interested in disruptive new solutions permitting underwater seismological and environmental sensing in real time, as well as their applications to better understand climate change and to improve the reliability of tsunami early-warning systems. In this context, he has been at the inception of project LEA – Listening to the Earth under the Atlantic, a joint venture of Instituto de Telecomunicações, IPMA – Instituto Português do Mar e da Atmosfera, and IDL – Instituto Dom Luiz, launched in May 2020.

<http://www.phys-info.org/yasser-omar.html>