

Full Name Wonmin SON

Position CEO

Organization Quantum Enhancement Inc.

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Personal Link(s)

<https://scholar.google.com/citations?user=f4qRKe0AAAAJ&hl=en>

Your Target Call

HORIZON-CL4-2027-05-DIGITAL-EMERGING-03

Your Expected Contribution to the Project / Consortium

I will try to organize consortium for the project by contacting, communicating and collaborating with the potential participants. As an extension of my previous collaboration with partners in UK, we would like to develop the light source for the quantum optical components together with relevant quantum circuits.

Biography

Prof. Wonmin Son is currently a CTO of QE research Inc. He had been a faculty at Sogang University, a visiting Prof. at the University of Oxford (2016-2019) and a member of the Center for Quantum Technologies, NUS at Singapore (2018-2011). He completed PhD studies at Queen's University, Belfast under the British Council Chevening Scholar program. His professional training continued as a research fellow at the University of Leeds in the UK and as an Erwin Schrodinger Junior research fellow at the University of Vienna, Austria.

Research Areas / Expertise

He contributed to developing diverse topics in the field of quantum optics and quantum information science. Prof. Son has published more than 45 papers in leading refereed journals. He authored two graduate and undergraduate-level textbooks. His research papers have been cited over 3000 times. He is a member of IOP, OSA, KPS. He referees research papers for major journals such as PRL, PRA, and JOP.

Motivation, Expectation and Plan

Through this event, we would like to collect all our collaborators who we had been contacted and check their interests on the project writing. Through this opportunity, we will enhance our mutual understanding and discuss more about our strategic direction which may lead to a possible agreement for the proposal writing.