

QDNL-WIQD Childcare Pilot Programme

Sample Proposal

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Affiliation: CWI, Amsterdam, the Netherlands

Position: PhD Candidate

Proposed Dates of Travel: April 24-29, 2022

Explanation

I am a third year PhD student at CWI, researching few-qubit applications of quantum computers. Despite taking 16 weeks of maternity leave, I have published two journal papers (in *Nature Few Qubits* and *IEEE Transactions on not very many qubits*), and have a third publication in preparation. In 2021 I won the best poster prize at ICFewQu (virtual). For more information on my accomplishments, please see my webpage.

The largest annual conference in my field, International Conference on Few Qubits (ICFewQu), will take place from April 25-29, 2022 in Montreal, Canada. The last two years, it has been either cancelled, or virtual, so I have not had the opportunity to attend in person. Attending this conference is one of the most important ways of networking in my area of research, and I feel I have greatly missed out on this opportunity until now. As I begin to think about applying for postdocs in the next couple of years, I feel it is more important than ever to build my network. I would therefore not like to miss the opportunity to present a poster at ICFewQu (in person) showcasing some of my recent work on single-qubit applications, which was accepted for publication in *Nature Few Qubits*.

I have a five-month old baby, who will be 8 months old when ICFewQu takes place. I would like to bring my baby to the conference so that I can keep breastfeeding her. I am requesting funding to bring my partner along so that he can take care of our baby while I attend the conference. Without this funding, I would still try to attend the conference without my baby. However, in that case, I fear that the logistics of expressing milk throughout the trip would prohibit me from getting the full experience out of the conference. I have reached out to the conference organizers, who have assured me that there will be an appropriate space onsite for breastfeeding, and were very supportive about the prospect of my partner and baby coming along.

Expense Overview

	Expense	Explanation
	(up to) 1200€	based on 1161€ for a direct economy roundtrip from Amsterdam to Montreal for one adult and one lap baby, April 24-29. Accessed Expedia on 15 Jan. 2022.
Total Budget:	1200€	