

A Modern Survey of Quantum Programming Languages and Frameworks

Review

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A. Paper summary

B. List of main strengths of the paper

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C. List of major weaknesses of the paper

D. Overall merit

Choices:

- A. Good paper, I will champion it
- B. OK paper, but I will not champion it
- C. Weak paper, though I will not fight strongly against it
- D. Reject

My choice:

E. Reviewer expertise

Choices:

- X. I am an expert in this area
- Y. I am knowledgeable in this area, but not an expert
- Z. I am not an expert; my evaluation is that of an informed outsider

My choice:

F. How much time did you spend on reviewing the paper?

Choices:

- 1. Limited: I browsed through the paper quickly
- 2. Medium: I read through the paper but did not check the details
- 3. High: I read the paper thoroughly and carefully checked the technical details

My choice:

G. Short summary of your review explaining your overall merit score.

H. Novelty

Choices:

1. Published before or openly commercialized
2. Incremental improvement
3. New contribution
4. Surprisingly new contribution

My choice:

I. Potential for impact

Choices:

1. No impact: Will not influence other efforts
2. Limited impact: Unlikely to influence other efforts
3. Moderate impact: Will influence other efforts
4. High impact: Will have a major influence on other efforts
5. Foundational: Will open new areas of inquiry

My choice:

J. Writing quality

Choices:

1. Unacceptable
2. Need improvement
3. Adequate
4. Well-written
5. Outstanding

My choice:

K. Best paper candidate

Do you feel that the paper is on par with or better than the recent LCPC Best Papers?

Choices:

- A. Yes.
- B. No.

My choice:

L. Questions for authors' response

Specific questions that could affect your accept/reject decision. Remember that the authors have limited space and must respond to all reviewers.

M. Comments to authors

N. Comments to PC

O. Declare concurrent work

Are you working on the exact same problem as this submission and have a similar solution?

Choices:

1. No
2. Yes, work is ongoing
3. Yes, paper submitted to LCPC 2020
4. Yes, paper submitted to another venue
5. Not sure

My choice:

P. Recommended reviewers for 2nd round