
PROMISE 2020: Call for papers wanting replication

PROMISE is an annual forum for researchers and practitioners to present, discuss and exchange ideas, results, expertise and experiences in construction and/or application of predictive models and data analytics in software engineering. PROMISE encourages researchers to publicly share their data in order to provide interdisciplinary research between the software engineering and data mining communities, and seek for verifiable and repeatable experiments that are useful in practice

The replicability of a study is one of the essential characteristics of the scientific method. In particular, without replicability in **Software Engineering (SE)**, academics and practitioners do not have the opportunity to verify, evaluate or improve research outcomes of fellow researchers. While negative replications may raise concerns about the reliability of previous results, positive replications can provide even greater trust in the results of the original paper.

In support of replicability, **PROMISE 2020 replication challenge track** would take prior results in SE and try to replicate it. Accepted papers would totally or partially replicate a previous published paper. They would offer lessons learned, e.g. repeating/improving/refuting old results or, alternatively, issues that make replication easier/harder/impossible. Constructive negative results with a respectful tone will be accepted, but take down papers should be avoided.

To propose your paper for replication at the 2020 PROMISE replication challenge, please send a **1-page PDF proposal** at gema.rodriquez-perez@uwaterloo.ca and mhilton@cmu.edu, containing the following information:

1. Title of paper to be replicated.
2. A discussion of the availability of data to replicate the paper.
3. Optionally, what support can you provide to someone looking to replicate this paper. (This is not required)

Proposal deadline: January 6, 2020.

Proposal notification: January 13, 2020.

Replication paper deadline: June 30th 2020.

These dates were partially chosen to allow replications to be a part of class projects.

Please feel free to reach out with any questions or concerns.

Thanks,

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