FairWare 2018
International Workshop on Software Fairness
May 29, 2018
Gothenburg, Sweden
Collocated with ICSE 2018

http://fairware.cs.umass.edu

CALL FOR PAPERS

What is software fairness?

Software behavior is, of course, influenced by input attributes. But as a society, we may decide that certain attributes should not influence certain behavior. For example, race should not affect access to financial loans. Examples of real-world software exhibiting bias include image search and translation engines exhibiting gender stereotypes and facial detection and recognition tools' accuracy depending on demographics.

Is there research on software fairness?

Yes! Theorists and machine learning researchers and practitioners are aware of the potential problem of making biased decisions when using a model learned from biased data and have made some progress. But there are many software engineering challenges to building fair software that have not been addressed, from specifying fairness requirements, to analysis, testing, and maintenance. The goal of FairWare 2018 is to bring together academic and industry researchers and industry practitioners interested in creating software engineering technology to improve software fairness.

How do I learn about software fairness research?

Watch a video about recent work on fairness testing:
http://tinyurl.com/FairnessVideo
Or read a paper: http://tinyurl.com/FairnessPaper

Submit a paper to FairWare 2018

We welcome full (up to 7 pages) and short (up to 4 pages) contributions that:

- present original research,
- state a position,
- survey related research,
- survey examples of bias in modern software,
- describe a new research idea, or
- formalize a problem statement.

Abstract submissions deadline	February 5, 2018
Paper submissions deadline	February 12, 2018
Author notifications	March 5, 2018
Camera-ready deadline	March 19, 2018
Workshop	May 29, 2018

At least one author of each accepted paper must register for the workshop. All contributions must, at the time of submission, conform to the ACM formatting instructions, be written in English, and submitted electronically, in PDF format, at https://easychair.org/conferences/?conf=fairware2018

FairWare 2018 invites summaries of **previously published work** or **work planned to be published elsewhere**, which, if accepted, will receive a presentation slot, but will not be published in the proceedings. (The authors may choose to publish an abstract.) We look forward to having presentations on such work to inform the community. It's a great opportunity for us to learn and for you to advertise your work!

Workshop Organizers

fairware@cs.umass.edu

Yuriy Brun	University of Massachusetts, Amherst, USA
Brittany Johnson	University of Massachusetts, Amherst, USA
Alexandra Meliou	University of Massachusetts, Amherst, USA

Program Committee

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