ACTION15: Actionable Analytics for SE

An ASE'15 workshop: (Nov 9, 2015) . http://action15.github.io
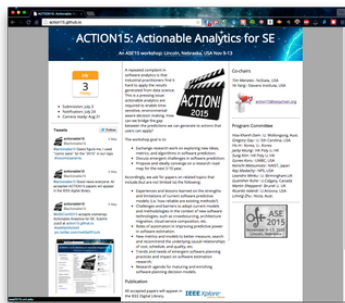
July

3
Friday

- Submission: July 3
- Notification: July 24
- Camera ready: Aug 31

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Great news! Barry Boehm confirmed as keynote speaker for Action15.
action15.github.io @actionable15 #software #engineering #data

Lincoln, NE, United States

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CFP: Actionable Analytics for SE.
action15.github.io #analytics #metrics #bigdata #data #softwareengineering pic.twitter.com/TT5io3OpzI

Lincoln, NE, United States

actionable15   5 May
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@actionable15 Gawd figure me, I used "comic sans" for the "2015" in our logo. #nocomicsansms.

A repeated complaint in software analytics is that industrial practitioners find it hard to apply the results generated from data science. This is a pressing issue: actionable analytics are required to enable time-sensitive, environmental-aware decision making. How can we bridge the gap between the predictions we can generate to actions that users can apply?

The workshop goal is to:

- Exchange research work on exploring new ideas, metrics, and algorithms in software prediction;
- Discuss emergent challenges in software prediction;
- Propose and ideally converge on a research road map for the next 5-10 year.

Accordingly, we ask for papers on related topics that include (but are not limited to) the following:

- Experiences and lessons learned on the strengths and limitations of current software predictive models; (i.e. how reliable are existing methods?)
- Challenges and barriers to adopt current models and methodologies in the context of new software technologies, such as crowdsourcing, architecture migration, cloud service composition, etc.
- Roles of automation in improving predictive power in software estimation.
- New metrics and models to better measure, search and recommend the underlying causal relationships of cost, schedule, and quality, etc.
- Trends and needs of emergent software planning practices and impact on software estimation research;
- Research agenda for maturing and enriching software planning decision models.

Publication

All accepted papers will appear in the IEEE Digital Library.

Submission

Full papers: max 10 pages (+2 pages refs).
Vision statements: max 4 pages (including refs)

Submit via Easychair. All submissions must come in PDF format and conform to the these guidelines. Authors should use US letter style. LaTeX users should use this their document class:

```
\documentclass[conference]{IEEEtran}
% The compsoc option is not to be used.
```

Co-chairs

Tim Menzies : NcState, USA
Ye Yang : Stevens Institute, USA

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Program Committee

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ASE 2015
November 9–13, 2015
Lincoln, Nebraska