

# ACTION15: Actionable Analytics for SE

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



- Submission: July 3
- Notification: July 24
- Camera ready: Aug 21

## Tweets

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19 May

Great news: selected papers from Actionable Analytics 2015 to appear IEEE Software. Please submit! [action15.github.io](http://action15.github.io) #analytics  
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11 May

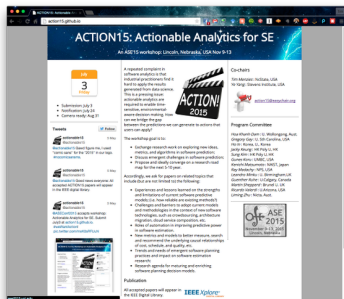
Great news! Barry Boehm confirmed as keynote speaker for Action15. [action15.github.io](http://action15.github.io) @actionable15 #software #engineering #data  
Lincoln, NE, United States



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8 May

CFP: Actionable Analytics for SE. [action15.github.io](http://action15.github.io) #analytics #metrics #bigdata #data #softwareengineering [pic.twitter.com/TT5io3Opzl](https://pic.twitter.com/TT5io3Opzl)



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 agenda for maturing and enriching software planning decision models.

## Publication

All accepted papers will appear in the IEEE Digital Library.

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Selected papers will be invited to submit to IEEE Software.

**IEEE Software**

## Submission

**Full papers:** max 10 pages (+2 pages refs).

**Vision statements:** max 4 pages (including refs)

## Co-chairs

*Tim Menzies* : NcState, USA

*Ye Yang* : Stevens Institute, USA



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## Program Committee

*Hoa Khanh Dam* : U. Wollongong, Aust.

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Submit at [goo.gl/bEuolb](https://goo.gl/bEuolb), PDF format= [goo.gl/XxBwt](https://goo.gl/XxBwt).

Authors should use US letter style. LaTeX users should use this their document class:

```
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```