

# ACTION15: Actionable Analytics for SE

An ASE'15 workshop: Lincoln, Nebraska, USA Nov 9-13



## Important Dates

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

## How to Submit

Submit via [EasyChair](#).

## Co-chairs

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

## Program committee

Gregory Gay, U. Sth Carolina, USA  
Ho In, Korea, U., Korea  
Jacky Keung, HK Poly U, HK  
Gunes Koru, UMBC, USA  
Sung Kim, HK Poly U, HK  
Kenichi Matsumoto, NAIST, Japan  
Guenther Ruhe, U.Calgary, Canada  
Martin Shepperd, Brunel U. UK  
Ricardo Valerdi, U.Arizona, USA  
Liming Zhu, NICTA, Aust.

## Contact

[action15@easychair.org](mailto:action15@easychair.org)

## About

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?



Interested topics include but not limited to:

- 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.

## Goals

- 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.

## Publications

All accepted papers will appear in the IEEE Digital Library.



## Formatting papers

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

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

All submissions must come in PDF format and conform, at the time of submission, to the [IEEE Formatting Guidelines](#). Authors should use the US letter style. LaTeX users should declare their document class as

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

## Tweets

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**tom mingham** @actionable15 4h  
@actionable15 Gawd figure me, I used "comic sans" for the "2015" in our logo. #nocomicsansms.

**tom mingham** @actionable15 4h  
@actionable15 Good news everyone: All accepted ACTION15 papers will appear in the IEEE digital library.

**tom mingham** @actionable15 5h  
@ASEConf2015 accepts workshop: Actionable Analytics for SE. Submit July3 at [action15.github.io](http://action15.github.io). #weWantAction! [pic.twitter.com/mxK0sRFUuN](https://pic.twitter.com/mxK0sRFUuN)



## Expand

**tom mingham** @actionable15 5h  
Web site ready. Now to start advertising!

**tom mingham** @actionable15 5h  
Workshop approved! Thanks ASE'15! Now to build a web site.

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