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

Tweets

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Actionable Analytics! Due in 22 days. Best papers go to IEEE Software. Keynote: Barry Boehm.
action15.github.io
pic.twitter.com/1elVqwwjks

Expand

actionable15 19 May
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Great news: selected papers from Actionable Analytics 2015 to appear IEEE Software. Please submit!
action15.github.io #analytics

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Great news! Barry Boehm confirmed as keynote speaker for Action15.
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#software #engineering #data

Lincoln, NE, United States

A repeated complaint is that industrial practitioners find it hard to apply the results generated from data science. Such 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.

Selected papers will be invited to submit to IEEE Software.

Submission

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

Submit at goo.gl/bEuolb, PDF format= goo.gl/XxBwt.

Co-chairs

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Program Committee

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ASE 2015
November 9-13, 2015
Lincoln, Nebraska