

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

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19 May

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

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11 May

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

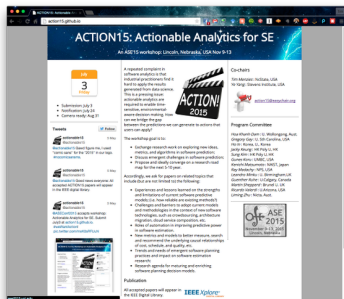
Lincoln, NE, United States



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8 May

CFP: Actionable Analytics for SE. action15.github.io #analytics #metrics #bigdata #data #softwareengineering pic.twitter.com/TT5io3Opzl



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.

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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)

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

Co-chairs

Tim Menzies : NcState, USA

Ye Yang : Stevens Institute, USA



action15@easychair.org

Program Committee

Hoa Khanh Dam : U. Wollongong, Aust.

Gregory Gay : U. Sth Carolina, USA

Ho In : Korea, U., Korea

Jacky Keung : HK Poly U, HK

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