

# ESEC/FSE 2017 PADERBORN, GERMANY, SEPTEMBER 04 - 08

## CALL FOR RESEARCH PAPERS

Research Papers

[Industrial Papers](#)

[Workshops](#)

[Tool Demonstrations](#)

[Doctoral Symposium](#)

[Artifact Evaluation](#)

[Student Research Competition](#)

[Student Volunteers](#)

[Open Access Options](#)

Interviews with:

[Workshop Chairs](#)

[Industry Chairs](#)

We invite high-quality submissions describing original and unpublished results of theoretical, empirical, conceptual, and experimental software engineering research. We also welcome multi-disciplinary work at the interface between software engineering and other related topics, such as, but not restricted to, artificial intelligence, human computer interaction, programming languages, and systems engineering. Contributions should describe innovative and significant original research relevant to ESEC/FSE. Submissions of papers describing groundbreaking approaches to emerging problems will also be considered. Submissions that facilitate reproducibility by using available data sets or making the described tools publicly available are especially encouraged.

Papers submitted for consideration should not have been published elsewhere and should not be under review or submitted for review elsewhere during the duration of consideration. Specifically, authors are required to adhere to the [ACM Policy and Procedures on Plagiarism](#) and the [ACM Policy on Prior Publication and Simultaneous Submissions](#).

### TOPICS OF INTEREST

We are interested in submissions from both industry and academia on all topics related to software engineering. These include, but are not limited to:

1. API usage and design
2. Autonomic and adaptive systems
3. Data analytics for software engineering
4. Data management and databases
5. Debugging, fault localization, and repair
6. Dependability, safety, and reliability
7. Development environments and tools
8. Distributed and outsourced development
9. Empirical studies
10. End-user software engineering
11. Formal methods and verification
12. Human aspects of software engineering
13. Human-computer interaction
14. Mobile applications
15. Model-driven software engineering
16. Parallel, distributed, and concurrent systems
17. Performance and scalability
18. Program analysis
19. Program comprehension and visualization
20. Refactoring, reengineering, and migration
21. Release engineering and continuous deployment
22. Requirements engineering
23. Search based software engineering
24. Security and privacy
25. Service-oriented architectures and micro-services
26. Software architecture
27. Software economics
28. Software engineering for cloud computing
29. Software evolution and maintenance
30. Software processes and project organization
31. Software repository mining
32. Software testing
33. Variability management and software product lines
34. Web-based systems

### HOW TO SUBMIT

At the time of submission all papers must conform to the [ESEC/FSE 2017 Format and Submission Guidelines](#), and must not exceed 10 pages for all text and figures plus 2 pages for references (abstract: 250 words max). All submissions must be in English and in PDF format. Submissions that do not comply with the above instructions will be desk rejected without review.

Each submission will be reviewed by three members of the Program Committee. Authors will have an opportunity to respond to reviews during a rebuttal period. The rebuttal phase will be followed by an online discussion, which will be followed by a program committee meeting. Submissions will be evaluated on the basis of originality, importance of contribution, soundness, evaluation, quality of presentation and appropriate comparison to related work. The program committee as a whole will make final decisions about which submissions to accept for presentation at the conference.

ESEC/FSE 2017 will employ a lightweight double-blind review process. The papers submitted must not reveal the authors' identities in any way.

- Authors should leave out author names and affiliations from the body of their submission.

- Authors should ensure that any citation to related work by themselves is written in third person, as opposed to "our prior work".
- Authors should avoid providing URLs to author-revealing sites (tools, data sets). The program committee will not be responsible for the existence of such sites, but the visit of such sites should not be needed to conduct the review.
- Authors should anonymize author-revealing company names, yet can provide general characteristics of the organizations involved needed to understand the context of the paper.

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Once all reviews are in, author identities will be revealed to the program committee, and authors can respond to the reviews. Authors thus can also use their responses to provide additional information that would otherwise be author-revealing, thus allowing reviewers to take this extra information into account in the eventual evaluation.

Authors having further questions on double blind reviewing are encouraged to contact the Program Chairs by email. Papers that do not comply to the double blind review process will be desk-rejected.

Papers must be submitted electronically through the ESEC/FSE submission site available at <https://easychair.org/conferences/?conf=esecfse2017>.

All publications are subject to the [ACM Author Representations policy](#).

## IMPORTANT DATES

- Full paper submission date: ~~Monday, February 27, 2017~~ (23:59:59 [AOE](#)).
- Author response period: ~~May 1 – May 4, 2017~~.
- Notification date: ~~Friday June 2, 2017~~.
- Camera ready date: ~~Saturday July 8, 2017~~. (23:59:59 [AOE](#))

**AUTHORS TAKE NOTE:** Note that the official publication date is the date the proceedings are made available in the ACM Digital Library. This date may be up to two weeks prior to the first day of ESEC/FSE 2017. The official publication date affects the deadline for any patent filings related to published work.

At least one author of each accepted paper must register and present the paper at ESEC/FSE 2017 in order for the paper to be published in the proceedings. One-day registrations do NOT satisfy the registration requirement. In line with the [ACM Open Conference Statement](#), open exchange of ideas and the freedom of thought and expression are central to ESEC/FSE. Authors who anticipate problems attending the conference due to visa restrictions should contact the general chair as early as possible. Please carefully read the complete list of [ESEC/FSE Submission Policies and Policies for Accepted Contributions](#).

## PROGRAM CHAIRS

- Arie van Deursen, Delft University of Technology, The Netherlands
- Andrea Zisman, Open University, UK

## PROGRAM COMMITTEE

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