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Onward!'15

Proceedings of the 2015 ACM International Symposium on

New Ideas, New Paradigms, and Reflections on Programming and Software

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Gail C. Murphy and Guy L. Steele Jr.

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Message from the Chairs

Welcome to Onward!.

Onward! is a premier multidisciplinary conference focused on everything to do with programming and software, including processes, methods, languages, communities, and applications. Onward! is more radical, more visionary, and more open than other conferences to ideas that are well-argued but not yet proven. Onward! welcomes different ways of thinking about approaching and reporting on programming language and software engineering research. Onward! 2015 is part of SPLASH 2015 and we are thrilled to be gathering in Pittsburgh, Pennsylvania, October 28–30, 2015, to break new ground in software research.

We are all well aware of the rapid rise of data and the need to analyze data from multiple perspectives quickly to inform many aspects of organizations. We are thrilled to have Dr. Robert DeLine of Microsoft Research as the Onward! keynote speaker. Dr. DeLine will present recent work on how data is changing professional software development and demonstrate new programming tools that make it easier to work with data.

Onward! is broken into two tracks: Papers and Essays. The Papers track aims for visions and paradigms that could make a big difference in how software may one day be built. The Essays track aims for clear and compelling pieces of writing about topics important to the software community.

In 2015, the Papers track received 48 submissions. Every submitted paper received at least two reviews; the majority of papers received three reviews. After the first round of reviewing, 7 papers were determined to be ready for acceptance, 11 papers were provided with the reviews and a list of specific issues to be addressed in the second round and 30 papers were rejected. At the end of the second round, reviewers considered the changes of the 11 papers and of those papers 10 were accepted for presentation. At the conference, attendees will see presentations by the 17 accepted papers for the Onward! 2015 Papers track.

In 2015, the Essays track received 8 submissions. Every submitted essay received at least three reviews; one received 4 reviews, and one received 5 reviews. After the first round of reviewing, 4 essays were rejected, and each of the other 4 essays was assigned a shepherd (a member of the Essays Track Program Committee) to work with the author(s) to produce a revised draft. After a second round of reviewing, these latter 4 essays were all accepted, and the shepherds continued to work with the authors to produce the final camera-ready versions. At the conference, attendees will see presentations of the 4 accepted essays for the Onward! 2015 Essays track.

Gail C. Murphy (Onward! 2015 Papers Chair)

Guy L. Steele Jr. (Onward! 2015 Essays Chair)

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