

Foreword

We would like to welcome you to the 3rd International Workshop on Software Development Lifecycle for Mobile (DeMobile 2015), where we aim at establishing a community of researchers and practitioners to share their work and lead further research in the mobile software engineering.

Mobile application usage and development is experiencing exponential growth. The current mobile domain presents new challenges to software engineering. Mobile platforms are rapidly changing, including diverse capabilities as GPS, sensors, and input modes. Activated on mobile platforms, modern applications must be elastic and scale on demand according to the hardware abilities. Applications often need to support and use third-party services. Therefore, during development, security and authorization processes for the dataflow must be applied. Developing such applications requires suitable practices and tools, e.g., architecture techniques that relate to the complexity at hand; improved refactoring tools for hybrid applications using dynamic languages and polyglot development and applications; and testing techniques for applications that run on different devices. Targeting these concerns, the workshop is dedicated to achieve several goals, e.g.: to develop relationships to create a vibrant research community in the area of mobile software development, and to identify the most important research problems for mobile software development.

The first two versions of the workshop were held in conjunction with the 21st and 22nd ACM SIGSOFT International Symposium on the Foundations of Software Engineering (FSE 2013 & FSE 2014) in Saint Petersburg, Russia and Hong Kong, China respectively. This year, we are delighted to conduct it in conjunction with the 10th Joint Meeting of the European Software Engineering Conference and the ACM SIGSOFT Symposium on the Foundations of Software Engineering (ESEC/FSE 2015) in Bergamo, Italy on August 31, 2015.

Researchers and practitioners were invited to submit contributions including research papers of 8 pages long, emerging ideas of 4 pages long, and in-practice experience of 2 pages long extended abstract. Each submission was reviewed by at least three program committee (PC) members, which led to a total number of four accepted papers (2 long and 2 short papers). The acceptance rate for research papers in long and emerging ideas was 50%. In addition, we have 2 distinguished keynote speakers, Prof. Mark Harman from academia and Dr. Yael Dubinsky from industry. Further, we have 7 invited talks with a mixture of academia, research institutes and industry; who will share their research and experiences in the different areas of mobile software engineering. We are grateful for the time and effort the PC members spent in the selection process. Your attendance in the workshop will provide the opportunity for joint discussions about the solved and unsolved problems in mobile software engineering.

Aharon Abadi, Shah Rukh Humayoun, and Henry Muccini
DeMobile 2015 Organizers

DeMobile 2015 Organization

Organizing Committee

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Program Committee:

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