

Message from the Chairs

It is our great pleasure to welcome you to the Seventeenth ACM SIGPLAN Erlang Workshop (Erlang'18), which is once again co-located with the annual International Conference on Functional Programming (ICFP), held in St. Louis, Missouri. The workshop continues the tradition of being a forum for presenting research effort and experience reporting on all aspects of theory, implementation, and applications of the Erlang language and BEAM-related technologies, which typically include topics such as functional programming, distribution, concurrency, scalability, *etc.* The Erlang model of concurrent programming has been widely emulated, for example by Akka in Scala and Java, and a wave of exciting programming languages are being developed atop of the Erlang VM (BEAM), such as Elixir.

The call for papers attracted a total of 10 submissions, each of them carefully reviewed by at least three program committee members. The program committee accepted 7 of those submissions. Additionally, the steering committee invited Christopher Meiklejohn as this year's keynote speaker. Presentations today covered topics from language semantics, formal methods, type-checking, security, testing and debugging.

Putting together Erlang'18 has been a team effort. First of all, we thank the keynote speaker and the authors of all submitted papers for allowing us to assemble a very interesting and appealing program. We express our gratitude to all members of the program committee, who worked very hard under time pressure in reviewing papers, providing constructive criticism and suggestions for improvement. We also greatly appreciate the efforts of this year's ICFP Chairs, led by Robby Findler as General Chair; the workshop co-chairs, David Christiansen and Christophe Scholliers, diligently answered our questions and guided us through the schedule. Thank you to all of the local organisers of ICFP'18 for taking care of local arrangements: your hard work makes our experiences great. Special thanks go to the members of the Erlang Workshop's Steering Committee for their guidance and to the Ericsson OTP team for maintaining the Erlang'18 web site. Finally, we thank ACM SIGPLAN for their continued support. We hope that these proceedings will serve as a valuable reference for Erlang and BEAM-based language researchers, implementors, and practitioners, and that you will find this year's program appealing and thought-provoking.

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17th ACM SIGPLAN Erlang Workshop Organization

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