

Chairs' Welcome

It is our great pleasure to welcome you to the Scala Workshop 2014. The meeting follows in the tradition of 4 previous Scala Workshops. The Scala Workshop 2014 is co-located with the 28th edition of the European Conference on Object-Oriented Programming (ECOOP).

Scala is a general-purpose programming language designed to express common programming patterns in a concise, elegant, and type-safe way. It smoothly integrates features of object-oriented and functional languages. The Scala Workshop is a forum for researchers and practitioners to share new ideas and results of interest to the Scala community.

This edition embraces elements of the format introduced with the 2013 edition, such as academic student talks, which are not accompanied by papers. Student talks are about 5-10 minutes long, presenting ongoing or completed research related to Scala. The 2014 edition of the Scala Workshop further innovates on the format by introducing a new category of “Open Source Talks.” These are short talks about open-source projects using Scala presented by contributors to these projects. Like student talks, open source talks are not accompanied by papers.

This year’s call for papers attracted 14 submissions of regular research papers. Each of the papers was reviewed by at least 3 Program Committee members. During a week-long electronic meeting, the Program Committee selected 9 papers for publication in these proceedings and for presentation at the workshop. In addition, the committee accepted 2 papers exclusively for presentation. Furthermore, the call for papers attracted 9 submissions of student talks. The organizers selected 7 student talks for presentation at the workshop.

Finally, the program includes a panel discussion of international experts on “Scala and Next-Generation Languages: Language Design for Mainstream Software Engineering.”

Many people have helped make the Scala Workshop 2014 a reality. We would like to thank all the authors of the submitted papers, and the Program Committee for their reviews, thoughtful discussion, and helpful feedback to the authors. We are very grateful for the fruitful collaboration with ECOOP. Special thanks go to Tobias Wrigstad, the ECOOP Organizing Chair, and to Nate Nystrom, the ECOOP Workshop Chair. Tobias helped us organize our sponsorship program and our student grant scheme, both of which were exceptionally successful this year. Nate helped us with the rest of the workshop organization, including these workshop proceedings. Doug Lea and Martin Odersky, who served on the Organizing Committee, provided valuable insight throughout the organization of this edition of the Scala Workshop. The EasyChair conference management system enabled the reviewing process. Finally, thanks to Typesafe, SoundCloud, Goldman Sachs, and innoQ for sponsoring the workshop.

Heather Miller

*Scala 2014 Program Co-Chair
EPFL, Switzerland*

Philipp Haller

*Scala 2014 Program Co-Chair
Typesafe Inc., Switzerland*