

# Trends in Functional Programming In Education (TFPIE 2013)

Brigham Young University, Utah, USA 13 May 2013

## TFPIE 2013

The second International Workshop on Trends in Functional Programming in Education, TFPIE 2013, is co-located with Trends in Functional Programming (TFP 2013) at Brigham Young University in Utah. The goal of TFPIE is to gather researchers, teachers and all professionals that use, or are interested in the use of, functional programming in education. TFPIE aims to be a venue where novel ideas, classroom-tested ideas and work-in-progress on the use of functional programming in education are discussed. The one-day workshop will foster a spirit of open discussion by having a review process for publication after the workshop.

The program chair of TFPIE 2013 will screen submissions to ensure that all presentations are within scope and are of interest to participants. Potential presenters are invited to submit an extended abstract (4–6 pages) or an article (up to 16 pages) in EPTCS style. The authors of all accepted presentations will have their preprints and their slides made available on the workshop's website/wiki. Any visitors to the TFPIE 2013 website/wiki will be able to add comments. This includes presenters who may respond to comments and questions as well as provide pointers to improvements and follow-up work. After the workshop, the presenters will be invited to submit (a revised version of) their article for review. The PC will select the best articles for publication in the Electronic Proceedings in Theoretical Computer Science journal (EPTCS)—pending our application. Articles rejected for presentation and all extended abstracts will not be formally reviewed by the PC.

TFPIE 2013 welcomes submissions describing practical techniques used in the classroom, tools used in and/or developed for the classroom and any creative use of functional programming (FP) to aid education in or outside Computer Science. Topics of interest include, but are not limited to:

- Teaching FP to highschool, beginning CS, and graduate students
- FP as a teaching tool for other (CS) topics

- FP in Robotics
- FP and Music
- Advanced FP for undergraduates
- Engaging students in research using FP
- FP in Programming Languages
- FP as a stepping stone to other CS topics
- FP and Philosophy

## Venue

Brigham Young University (BYU) is the third-largest private university and the largest explicitly religious university in the United States of America. Although BYU is owned and operated by the LDS church, the workshop is independent of this affiliation. By BYU's own pen:

Brigham Young University seeks to develop students of faith, intellect and character who have the skills and the desire to continue learning and to serve others throughout their lives. Established in 1875, the university provides an outstanding education in an atmosphere consistent with the ideals and principles of its sponsor, The Church of Jesus Christ of Latter-day Saints.

Known for its academically minded and internationally experienced student body, its world-class teaching and its beautiful mountain location, BYU is also recognized for its extensive language programs, talented performing arts ensembles, outstanding sports programs and devotion to combining solid scholarship with the principles of the restored gospel of Jesus Christ.

## Questions

The TFPIE website is located at <http://wwwhome.ewi.utwente.nl/~holzenspiespkf/TFPIE2013.html>  
For any questions, contact the PC chair on [p.k.f.holzenspies@utwente.nl](mailto:p.k.f.holzenspies@utwente.nl)

## Program Committee

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