

CALL FOR PAPERS/PRESENTATIONS

International Workshop on Trends in Functional Programming in Education 2012 (TFPIE 2012)

June 11 2012

University of St Andrews, Scotland

http://www.cs.ru.nl/P.Achten/TFPIE_2012/TFPIE_2012_home.html

1 TFPIE 2012

The first *International Workshop on Trends in Functional Programming in Education*, TFPIE 2012, will be co-located with TFP 2012 at the University of St Andrews in Scotland. The goal of TFPIE is to gather researchers, professors, 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 chairs of TFPIE 2012 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). 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 2012 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 program committee will review, using prevailing academic standards, the articles accepted for presentation to select the best for publication in *Electronic Proceedings in Theoretical Computer Science (EPTCS)*. Articles rejected for presentation and all extended abstracts will not be formally reviewed by the PC.

2 TOPICS OF INTEREST

TFPIE 2012 welcomes submissions describing practical techniques used in the classroom, tools used and/or developed, 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:

- FP and beginning students
- Advanced FP for undergraduates
- FP as a stepping stone to other CS topics
- Engaging students in research using FP
- FP and Music
- FP and Philosophy
- FP in Artificial Intelligence
- FP in graduate education
- FP in Programming Languages
- FP in the high school curriculum
- FP in Robotics

If you are not sure if your work is appropriate for TFPIE 2012, please contact the PC chairs by e-mail at: tfpie2012@cs.ru.nl.

3 Program Committee

Peter Achten	Radboud University Nijmegen
Jost Berthold	University of Copenhagen
Marc Feeley	University of Montréal
Ralf Hinze	University of Oxford
Shriram Krishnamurthi	Brown University
Michel Mauny	ENSTA Paris Tech
James McKinna	UK
Marco T. Morazán	Seton Hall University
Rinus Plasmeijer	Radboud University Nijmegen
Simon Thompson	University of Kent

4 Important Dates

May 20	submission of abstract or article
May 25	notification of acceptance
June 11	TFPIE
July 6	submission of formal paper
September 10	notification of acceptance
October 1	camera-ready paper

5 Venue

The University of St Andrews is Scotland's first university and the third oldest in the English-speaking world, founded in 1413. Over six centuries it has established a reputation as one of Europe's leading and most distinctive centers for teaching and research. St Andrews is situated on the east coast of Fife, Scotland, UK. The town is approximately 50 miles north-east of Edinburgh, 14 miles south-east of Dundee, 78 miles south of Aberdeen, and 82 miles east of Glasgow making it easily accessible by any means of transportation. Help on traveling to St Andrews can be found at: <http://www.st-andrews.ac.uk/visiting/GettingtoStAndrews/>.

6 Questions?

If you have any questions, do not hesitate to contact us at: tfpie2012@cs.ru.nl.