

**International Workshop on  
75 Years of  $\lambda$ -Calculus  
University of St Andrews, Scotland  
15<sup>th</sup> June, 2012  
Call for papers**



<http://msp.cis.strath.ac.uk/lambda2012>

### Overview

In 1936, Alonzo Church's foundational "An unsolvable problem of elementary number theory" introduced the  $\lambda$ -calculus which, with Turing machines, now underpins contemporary theoretical and practical Computer Science. To celebrate the 75<sup>th</sup> anniversary of the publication of this seminal work, papers are invited for presentation at a one day International Workshop, to be held in St Andrews on 15<sup>th</sup> June 2012, immediately following the International Symposium on Trends in Functional Programming (TFP).

### Topics

Church's life & work  
Origins/history  
Computability  
Programming language design & implementation  
Logic, proof & reasoning

### Guest Speakers

Henk Barendregt, University of Nijmegen  
Chris Hankin, Imperial College  
Roger Hindley, University of Swansea  
Fairouz Kamareddine, Heriot-Watt University

### Workshop Chairs

Greg Michaelson, Heriot-Watt University  
Patricia Johann, University of Strathclyde

### Programme Committee

Robert Atkey, University of Strathclyde  
Dan Dougherty, WPI  
Maribel Fernandez, Kings College London  
Philip Scott, University of Ottawa

### Dates (2012)

27<sup>th</sup> January: submission  
2<sup>nd</sup> March: notification of acceptance for Workshop  
18<sup>th</sup> May: deadline for draft proceedings  
15<sup>th</sup> June: Workshop  
31<sup>st</sup> August: deadline for HOSC special issue  
30<sup>th</sup> November: notification of acceptance for HOSC

### Submissions

Submissions will be "light touch" refereed for relevance before the Workshop, and will appear in the draft proceedings, with full refereeing thereafter for publication in a special issue of *Higher Order and Symbolic Computation*. Submissions should be of 16 pages maximum length in the Springer format from <http://cs.au.dk/~hosc/>

### Submission

<https://www.easychair.org/conferences/?conf=75ylc>

### Registration

There will be an attendance charge of around £50 for refreshments, lunch, and proceedings. There will be no charge for PhD students from SICSA affiliated Universities.

Registration will be through TFP:

[http://www.cs.st-andrews.ac.uk/~kh/TFP2012/TFP\\_2012/Home.html](http://www.cs.st-andrews.ac.uk/~kh/TFP2012/TFP_2012/Home.html)