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| http://www.sicsa.ac.uk/graduate-academy/prize-studentships/applying-for-a-sicsa-prize-studentship/SICSA%20main%20logo.jpg**International Workshop on****75 Years of λ-Calculus****University of St Andrews, Scotland****15th June, 2012** **Call for Participation**<http://msp.cis.strath.ac.uk/lambda2012> | http://findingaids.princeton.edu/bioghist-images/C0948.jpg |

**Overview**

In 1936, Alonzo Church’s foundational “An unsolvable problem of elementary number theory” introduced the λ-calculus which, with Turing machines, now underpins contemporary theoretical and practical Computer Science. To celebrate the 75th anniversary of the publication of this seminal work, participation is invited at a one day International Workshop, to be held in St Andrews on 15th June 2012, immediately following the International Symposium on Trends in Functional Programming (TFP).

**Programme**

10.00 Introduction

10.15 Invited speaker: Roger Hindley, University of Swansea, *Before 1936, the impure λ-calculus*

11.00 Jonathan Seldin, University of Lethbridge, *Curry's influence on the early history of λ-calculus*

11.30 Invited speaker: Fairouz Kamareddine, Heriot-Watt University, *The λ-calculus* *a la de Bruijn*

12.15 lunch

13.15 Patrik Eklund and Robert Helgesson, Umea University, *Modern eyes on λ terms*

13.45 Invited speaker: Chris Hankin, Imperial College London, *Operational semantics and abstract machines*

14.30 break

15.00 Daniel Ventura, Mauricio Ayala-Rincon and Fairouz Kamareddine, Universidade Federal de Goias/Universidade de Brasilia/Heriot-Watt University, *Intersection types and explicit substitution: an overview*

15.30 Invited speaker: Henk Barendregt, Radboud University, Nijmegen, *λ-calculus* *and its view on infinity*

16.15 close

**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

**Registration**

The fee is £50, including refreshments and lunch.

There is no charge for PhD students from SICSA-affiliated Universities.

To register, please follow the link:

<http://onlineshop.st-andrews.ac.uk/browse/extra_info.asp?compid=1&catid=34&modid=2&prodid=247&deptid=29&prodvarid=0>

and select the first option: TFP Affiliated Workshop Registration (if not registering for TFP).