

SICSA Research Theme Activity Report

Please complete all sections of this reporting template and submit within 3 months of your event or activity taking place. This report will allow the SICSA Directors to provide detailed information about the progress of the SICSA Research Themes to the Pool funders, SFC, and your cooperation is appreciated.

Name of event organiser: Stuart Gale

Email address: stuart.gale@strath.ac.uk

Institution: University of Strathclyde

Title of event: SPLS

Location of the event: Royal College building, University of Strathclyde, Glasgow

Date of event: 17 October 2018

From which SICSA Research Theme was this event funded? Theory, modelling and computation

Total funds claimed for event: £1021.50

Please outline in brief what took place at the event, providing details of speakers and titles of talks:

Speaker times, titles, abstracts: <https://msp-strath.github.io/spls-18/>

Speakers: 3 students, 2 academics, 1 industry.

6 talks were given, although 7 were planned. 1 speaker cancelled less than 24 hours before the event and the organiser couldn't find another speaker.

The talks that were given:

Context Constrained Computation - James Wood, University of Strathclyde

Type-Driven Development of SoC Architectures - Jan de Muijnck-Hughes, University of Glasgow

Industry experience of implementing 80+ DSLs on top of Xtext - Gregory Dyke, Avaloq (industry speaker)

Notebook Programming Considered Harmful - Jeremy Singer, University of Glasgow

Where the linear lambdas go - Wen Kokke, University of Edinburgh

Generating Efficient Parallel Code for Irregular Shaped Arrays - Federico Pizzuti, University of Glasgow

Cancelled speaker was from Stirling University

Around 45 people attended the seminar, with a reasonable spread of representation, from both industry and the SPLS institutions, present. About half of the attendees were students, which includes both undergraduate and PhD.

Outcomes:

Please give details of any research papers that have come or are pending as a result of this activity: N.A.

Please provide details of any grant applications that have come or are pending as a result of this activity: N.A.

Please provide details of any further outcomes that have come as a result of this activity: The main outcome of SPLS tends to be Networking with students/staff from other institutions.

Do you have any plans to bid for further SICSA Theme Funding in the future? We hope to host SPLS again in the next couple of years, but there are no immediate plans to bid for further SICSA funding.