

Scottish Programming Languages Seminar - Report 18 June 2014

The summer meeting of the Scottish Programming Languages Seminar (SPLS) was held at the School of Computing Science, University of Glasgow, on Wednesday 18 June 2014. The organisers were Ornela Dardha (Ornela.Dardha@glasgow.ac.uk) and Natalia Chechina (Natalia.Chechina@glasgow.ac.uk)

There were approximately 50 participants from the following affiliations:
Glasgow
Edinburgh
Heriot Watt
St Andrews
Strathclyde
Dundee and
Industry

Catering was provided by the usual university suppliers. There was lunch and two coffee breaks with tea/coffee and cakes. The amount was £10.60 per person for 50 people, for a total of £530. SICSA paid the amount of £240.

The seminar programme consisted of 5 half-hour talks and 1 hour talk from the keynote speaker, Ryan Newton, who was a SICSA invited speaker. In particular, the programme is as follows:

Ryan Newtown (Indiana University)
Stream-processing for Functional Programmers

Joeseph Sventek (University of Glasgow)
An Automaton Programming Language for Dynamic, Distributed, Complex Event Processing Systems

Andrew Richards (Codeplay)
The New SYCL for OpenCL Standard: C++ Metaprogramming for Heterogeneous Systems

Stevan Andjelkovic (University of Strathclyde)
Session Type-like Reasoning Using Multi-sorted Term Algebras

Edwin Brady (University of St Andrews)
Resource-dependent Algebraic Effects for Communication Protocols

Greg Michaelson (Heriot-Watt University)
How domain specific are Domain Specific Languages?

Talks abstracts are available at: <http://dcs.gla.ac.uk/~natalia/spls/>

Overall the seminar was a success. We concluded by proposing that the next SPLS be held in Heriot-Watt in the autumn 2014.