



IWOCL

INTERNATIONAL WORKSHOP ON OPENCL

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Computer Science
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IWOCL 2014

- ~110 delegates (40 at IWOCL 2013!)
- Attendees from 14 different countries
- 30 different companies represented
- 18 different academic institutions
- 27 papers submitted (13 accepted)
- 10 workshops proposed (5 accepted)



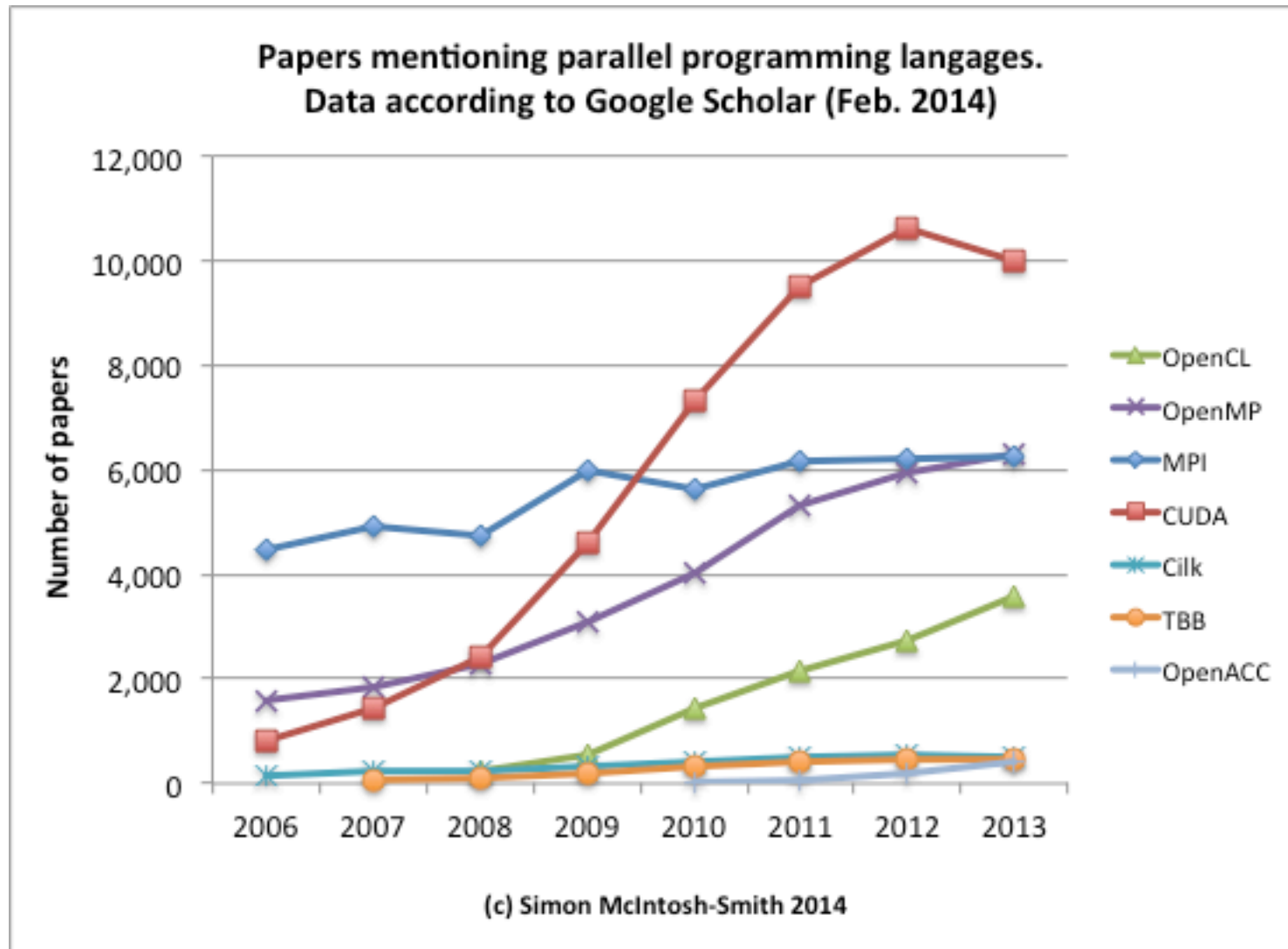


Conference Sponsors
We would like to thank the following companies who have done so much to help make IWOCL 2014 the success that it has been and we look forward to 2015!

OpenCL momentum building

- More OpenCL implementations released in 2013/14:
 - ARM, Imagination, Qualcomm, Altera, ...
- New Standard Portable Intermediate Representation (SPIR) released
- New high-level, single-source programming model, SYCL, released
- More tutorials online (e.g. HandsOnOpenCL)
- More tools appearing (OCLgrind, profilers, debuggers, ...)

🔥 OpenCL momentum building



Time	Title	Speaker
09:00-09:15	Welcome to IWOCL 2014	Simon McIntosh-Smith, University of Bristol
09:15-10:00	Keynote: Using OpenCL to Empower and Delight Users	Eric Berdahl, Adobe
10:00-10:30	Studying Energy Consumption of an OpenCL Application on a Mobile GPU	Arian Maghazeh, Linköping University
10:30-11:00	Morning coffee break	
11:00-11:30	KernelInterceptor: GPU kernel verification by intercepting kernel parameters	Ethel Bardsley, Imperial College London
11:30-12:00	Generating OpenCL C kernel from OpenACC	John Cavazos, University of Delaware
12:00-12:20	MAP-Driven Performance Analysis for Local Memory Usage	Jianbin Fang, Delft University of Technology
12:20-12:40	Platform Independent OpenCL Kernel Memory Protection	Mikael Lepisto, Vincit
12:40-13:00	SPIR me the details: building custom language support on OpenCL	Neil Henning, Codeplay

Time	Title	Speaker
14:00-14:30	Keynote : A Vision for OpenCL	Neil Trevett, OpenCL WG chair & NVIDIA
14:30-15:00	Evaluation of a performance portable lattice Boltzmann code using OpenCL	Simon McIntosh-Smith University of Bristol
15:00-15:30	Performance Portability Study of Linear Algebra Kernels in OpenCL	Karl Rupp, TU Wien
15:30-16:00	FastROCS: A story of OpenCL deployment	Brian Cole, OpenEye Scientific Software
16:00-16:30	Afternoon coffee break	
16:30-17:00	Accelerating Lagrangian Particle Dispersion in the Atmosphere with OpenCL	Paul Harvey, University of Glasgow
17:00-17:20	OpenCL Implementation of Gzip on Field-Programmable Gate-Arrays	Mohamed S. Abdelfattah, University of Toronto & Altera
17:20-17:40	LibreOffice: Spreadsheets on the GPU	Michael Meeks, Collabor
17:40-18:00	SYCL : Abstraction Layer for Leveraging C++ and OpenCL	Maria Rovatsou, Codeplay & Khronos OpenCL WG
18:00-18:15	Closing Remarks	Simon McIntosh-Smith 8

Final words

- Please do use social media to promote IWOCL:
 - Twitter hashtag: #IWOCL
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