IWOCL 2016

- ~80 delegates (40 at IWOCL 2013!)
- Attendees from 16 different countries
- 47 different companies represented
- 29 submissions, 20 accepted
- 3 workshops proposed, 2 accepted
Conference Sponsors

We would like to thank the following companies who have done so much to help make IWOCL 2016 a success and we look forward to 2017!
Today’s Agenda

• 2pm, opening keynote: *OpenCL – a state of the union*, Neil Trevett, Khronos/Nvidia

• 2.30pm, Envisioning the Future – Using SYCL to Develop Vision Tools, Luke Iwanski and Mehdi Goli, Codeplay

• 3pm, *hiCL: An OpenCL Abstraction Layer for Scientific Computing, Application to Depth Imaging on GPU and APU*
  Issam Said (Lip6), Pierre Fortin, Jean-Luc Lamotte (Université Pierre et Marie Curie) and Henri Calandra (Total EP)
Today’s Agenda

• 3.30pm, *The Hitchhiker’s Guide to Cross-Platform OpenCL Application Development*, Tyler Sorensen and Alastair Donaldson (Imperial College London)

• 4pm, *PANEL DISCUSSION: What Next for OpenCL?*, Khronos OpenCL WG
• **PANEL DISCUSSION: What Next for OpenCL?**

• Khronos OpenCL WG
OpenCL momentum

• More OpenCL implementations released:
  • 2.x implementations from Intel, AMD
  • OpenCL 2.2 provisional with C++ kernel language

• New versions SPIR-V released
• New versions of the high-level, single-source programming model, SYCL, released
• More tutorials online (e.g. HandsOnOpenCL)
• More tools appearing (Oclgrind, profilers, debuggers, …)
Adoption of parallel programming langs.
Adoption of parallel programming languages.

Papers mentioning parallel programming languages.
Data according to Google Scholar (April 20th 2016)

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Conference dinner
Conference dinner

Schnirchgassee 12
1030 Wien
Final words

• Use social media to promote IWOCL
  • Twitter hashtag: #IWOCL
  • Follow: @IWOCL

• The IWOCL Twitter feed will retweet your posts

• Sign up for regular OpenCL newsletter:
  • http://www.iwoocl.org/opencl-newsletter/