EuroLLVM Edinburgh, Scotland
7-8 April 2014

Welcome to the 2014 European LLVM Conference!
Sponsors: ARM, QuIC, Codeplay, HSA Foundation, Google, Parrot, SICSA
Appleton Tower, 11 Crichton Street, Edinburgh, EH8 9LE
Badges provided by Linaro

Important Times - Monday - full programme on opposite side

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09:00	Registration opens
09:30 - 12:30	Hacker's Lab
12:30 - 13:15	Lunch
13:15 - 13:30	Conference Opening and Welcome
19:00 - 19:30	Drinks Reception at National Museum of Scotland
19:30 - 00:00	Gala Dinner at National Museum of Scotland - Chambers St, Edinburgh, EH1 1JF

Important Times - Tuesday

08:45	Start of second day
11:00 - 12:00	Lightning Talks
12:00 - 13:00	Poster session/Lunch
16:20 - 16:45	Raffle and Close

CONFERENCE HELPLINE
07428 759 678

EDINBURGH UNIVERSITY
EMERGENCY NUMBER
0131 650 2257

POLICE, FIRE, AMBULANCE
999

**DIRECTIONS TO MUSEUM
FROM APPLETON TOWER**
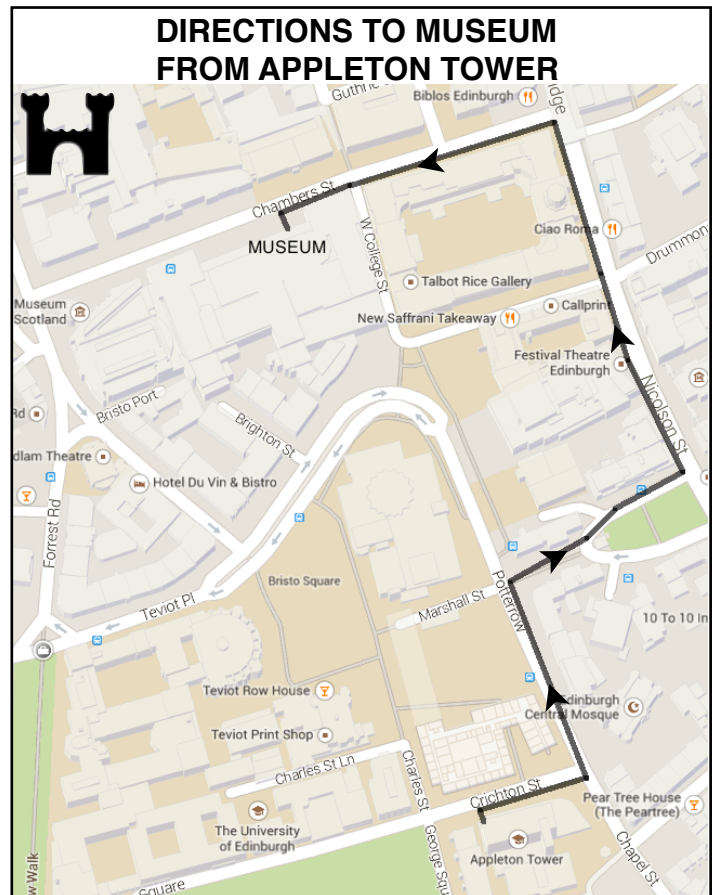
VENUE, MUSEUM AND HOTELS
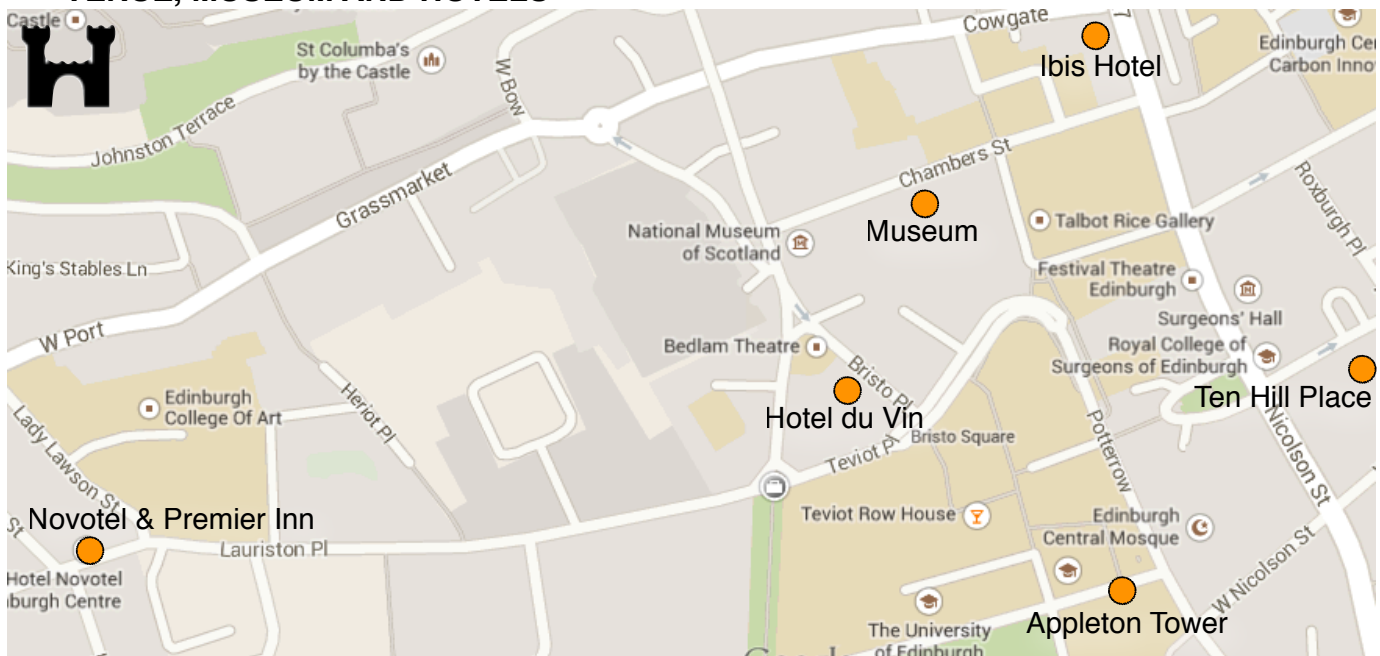
PROGRAMME

Monday April 7th 2014

Time	Track 1 (Appleton Tower, Lecture Theatre 4)	Track 2 (Appleton Tower, Lecture Theatre 5)
09:00	Registration opens	
09:30	Arrival tea/coffee and pastries	
09:30-12:30	Hacker's Lab	
10:45-11:45	Mid-morning tea/coffee	
12:30-13:15	Lunch (Sandwiches)	
13:15-13:30	Conference Opening & Welcome Tobias Edler von Koch (Univ. of Edinburgh)	
13:30-14:30	Keynote 1: Chandler Carruth (Google)	
14:30-15:10	"LTO: History and work to be done" Rafael Ávila de Espíndola (World Wide Studios - Sony Computer Entertainment)	"Branching in Data-Parallel Languages using Predication with LLVM" Marcello Maggioni (Codeplay Software)
15:10-15:40	Afternoon tea/coffee and cake	
15:40-16:20	"clang-tidy - Lint-like checks and beyond" Daniel Jasper (Google)	"BEAMJIT: An LLVM based just-in-time compiler for Erlang" Frej Drejhammar (Swedish Institute of Computer Science)
16:20-17:00	"How to build LLVM in under ten seconds" Andy Thomason (Goldsmiths)	BoF "LLVMLinux - Clang and the Linux Kernel. State of the Union and ongoing collaboration" Jan-Simon Möller (LLVMLinux Project)
19:00-19:30	Drinks Reception at National Museum of Scotland (Entrance Hall)	
19:30-00:00	Gala Dinner at National Museum of Scotland (Grand Gallery)	

Tuesday April 8th 2014

Time	Track 1	Track 2
08:45	Start of Day 2	
08:45-09:00	Arrival tea/coffee and pastries	
09:00-10:00	Keynote 2: "What's new in C++14, and how you can take advantage of it" - Marshall Clow (Qualcomm)	
10:00-10:40	"PlayStation®4 CPU Toolchain: Launch Post-mortem" Greg Bedwell (SN Systems Ltd - Sony Computer Entertainment)	"Portable Native Client. Fast, Secure, Simple: Pick Three." JF Bastien (Google)
10:40-11:00	Mid-morning tea/coffee	
11:00-12:00	Lightning Talks	
12:00-13:00	Posters & Lunch	
13:00-13:40	"A new ABI for little-endian PowerPC64: design and implementation" Ulrich Weigand (IBM Linux Technology Center)	"clang-cl: what it is, how it works, and how to use it" Hans Wennborg (Google)
13:40-14:20	"Custom Alias-analysis in an LLVM-backed region-based Dynamic Binary Translator" Tom Spink (University of Edinburgh)	"Fabric Engine and KL: LLVM for 3D Digital Content Creation" Andrew MacPherson (Fabric Software Inc.)
14:20-14:40	Afternoon tea/coffee and cake	
14:40-15:20	"Efficient code generation for weakly ordered architectures" Reinoud Elhorst, Mark Batty, David Chisnall (University of Cambridge)	BoF - "Toolchain layout and Driver design for Multi-target support" Iain Sandoe (Codesourcery / Mentor Graphics)
15:20-16:20	"Refactoring a large C++ codebase using clang" Nick Lewycky (Google)	"Building an LLVM Backend" Fraser Cormack, Pierre-André Saulais (Codeplay Software)
16:20-16:45	Raffle & Conference Close	

If you would like to have a chat with delegates from Codeplay then
please come along during the programme breaks to **Room G.05**!

Power outlets are available under the seats in Lecture Theatres 2, 4 and 5.
Lecture Theatre 2 on the Ground Floor is open as a break-out space for individual and group work.

PLEASE FILL OUT THE FEEDBACK FORM AT
http://tinyurl.com/eurollvm
FOR A CHANCE TO WIN A PRIZE AT THE RAFFLE