

X.Org Developer's Conference 2019

Wednesday 02 October 2019

Main Track: Main Track (08:30-18:30)

time	[id] title	presenter
08:30	[61] Opening Session	
09:00	[18] Zink: OpenGL on Vulkan	
09:55	[38] Introducing the Vulkan WSI Layer	
10:15	Coffee Break	
10:45	[59] ACO, a new compiler backend for GCN GPUs	
11:40	[24] How to not write a back-end compiler	
12:25	Lunch	
14:00	[34] Mediuimp support in Mesa	
14:55	[44] Implementing Optimizations In NIR	
15:40	Coffee Break	
16:10	[17] Outreachy Internship Report: Refactoring backlight and spi helpers in drm/tinydrm	
16:35	[9] Introducing MESA_query_driver and adriconf	
17:00	[64] Khronos Update & AMA	

Thursday 03 October 2019

Main Track: Main Track (07:55-19:00)

time	[id] title	presenter
08:45	[63] Opening Session	
09:00	[48] Monado: Open Source Augmented & Virtual Reality	
09:55	[28] KWin now and tomorrow	
10:15	Coffee Break	
10:45	[40] Improving frame timing accuracy in Mesa, DRM and X	
11:40	[37] A case study on frame presentation from user space via KMS	
12:25	Lunch	
14:00	[26] Nouveau Generic Allocator Implementation in GBM	
14:55	[31] Simple DRM display drivers	
15:15	Coffee Break	
15:45	[39] Lima driver status update	
16:40	[50] Freesync, Adaptive Sync & VRR	
17:35	[25] Enabling 8K displays - A story of 33M pixels, 2 CRTCs and no Tears!	
18:00	[65] X.Org Foundation Board of Directors Meeting	

Friday 04 October 2019

Main Track: Main Track (08:45-17:45)

time	[id] title	presenter
08:45	[66] Opening Session	
09:00	[30] A whirlwind tour through the input stack development efforts	
09:55	[33] Edging closer to the hardware for kernel CI on input devices	
10:15	Coffee Break	
10:45	[23] Witchcraft Secrets from a Reverse Engineer	
11:40	[10] Everything Wrong With FPGAs	
12:25	Lunch	
14:00	[54] DRM/KMS for Android	
14:25	[21] Display hardware testing with Chamelium	
14:50	[8] State of the X.org	
15:10	Coffee Break	
17:25	[68] Closing session	