

X.Org Developer Conference 2021

Wednesday 15 September 2021

Main Track (13:00-19:00)

time	[id] title	presenter
13:00	[33] Opening Session	
13:15	[4] Raspberry Pi Vulkan driver update	TORAL, Iago
14:05	[8] Lima driver status update 2021	NUNES, Erico
14:55	[13] The Occult and the Apple GPU	ROSENZWEIG, Alyssa
15:45	[1] ChromeOS + freedreno update	CLARK, Rob
16:35	[19] SSA-based Register Allocation for GPU Architectures	ABBOTT, Connor SCHÜRMAN, Daniel
17:25	[3] etnaviv: status update	GMEINER, Christian
17:50	[5] Fast Checkpoint Restore for AMD GPUs with CRIU	Mr RAJNEESH BHARDWAJ, Rajneesh Mr KUEHLING, Felix Mr YAT SIN, David
18:40	[9] Emulating Virtual Hardware in VKMS	PRIYADARSINI, Sumera

Thursday 16 September 2021

Main Track (13:00-21:35)

time	[id] title	presenter
13:00	[34] Opening Session	
13:15	[18] Addressing wayland robustness	EDMUNDSON, David
14:05	[21] Compiling Vulkan shaders in the browser: A tale of control flow graphs and WebAssembly	WASSERKA, Tony
14:55	[6] Dissecting and fixing Vulkan rendering issues in drivers with RenderDoc	PILIAIEV, Danylo
15:45	[11] Ray-tracing in Vulkan pt. 2: Implementation	EKSTRAND, Jason
16:35	[23] KWinFT in 2021: Latest development, Next Steps	GILG, Roman
17:25	[26] Enabling Level zero Sysman APIS for Tool developers to control the GPUs.	KONDA, saikishore GANAPATHI,, Ravindra Babu Mr SHARMA, Jitendra VILVARAJ,, T J Vivek
18:15	[27] Redefining the Future of Accelerator Computing with Level Zero	ARTEAGA, Jaime GANAPATHI,, Ravindra Babu GOPALAKRISHNAN, Aravind MROZEK, Michal FLIFLET, Brandon ASHBAUGH, Ben
19:05	[30] X.Org security	HERRB, Matthieu
19:30	[35] X.Org Foundation Board of Directors Meeting	

Friday 17 September 2021

Main Track (13:00-17:45)

time	[id] title	presenter
13:00	[36] Opening Session	
13:15	[2] Improving the Linux display stack reliability	RIPARD, Maxime
14:05	[24] KWinFT's wlroots backend	GILG, Roman
14:30	[29] TTM conversion in i915	HELLSTROM, Thomas
15:20	[7] Status of freedesktop.org gitlab/cloud hosting	TISSOIRES, Benjamin
16:10	[12] Making bare-metal testing accessible to every developer	
16:35	[17] A new CPU performance scaling proposal for tuning VKD3D-Proton	HUANG, Ray
17:00	[28] Video decoding in Vulkan: A brief overview of the provisional VK_KHR_video_queue & VK_KHR_video_decode APIs	JÁQUEZ LEAL, Victor Manuel
17:25	[22] State of the X.Org	PAUL, Lyude

Main Track (18:30-18:40)

time	[id] title	presenter
18:30	[40] Closing session	