Technical Summit - October 2018

On-line Program

10 Oct 2018

Time	Title	Presentation
09:30 - 10:00	Keynote: Aligning Automotive Trends and Open Technologies	pdf
10:00 - 10:45	GENIVI Vehicle Domain Interaction Strategy: Overview and Status	pdf
11:00 - 11:45	Graphics Project & Distributed HMI Readout	pdf
11:45 - 12:30	GENIVI Development Platform Activities	pdf
	GENIVI Google Summer of Code	pdf video: mp4 / 720p, mov / 1080p
14:00 - 15:30	Graphics Sharing & Distributed HMI Case Studies	Introduction: pdf BMW RAMSES (presentation was held 11.20-11.35): video (see also overview slides pdf) Harman Android/QNX system #1 (Shared-state) (presentation was held 11.35-11.45) : pdf, video Qt Case Studies: Qt Remote Objects: pdf, Qt WebGL: pdf ADIT/Bosch Implementing Waltham in practice: pdf Harman Android/QNX system #2 (Surface Sharing) : pdf, video Renesas R-Car Canvas-demo (Display and GPU Sharing): pdf (with videos), pdf (without videos) AllGo multi-display demo : **TODO**
15:45 - 17:00	Hypervisor Project Readout	pdf
	Xvisor Lightweight, Extensible Hypervisor	pdf
17:00 - 17:30	Bringing the Car to the Internet	pdf

17:30 - 20:00	Welcome Reception & Member Demos	

11 Nov 2018

Time	Title	Presentation
09:30 - 12:30	RAMSES Tutorial	Workshop slides Ramses overview
09:30 - 12:30	Graphics Sharing & Distributed HMI Working Session	Waltham in Practice - working session (Harsha Manjula Mallikarjun) : pdf Android/QNX Surface Sharing - working session (Sergey Klevitskiy) : (same slide deck I think? : pdf) Qt WebGL/WebAssembly - working session (Kimmo Ollila) : WebGL pdf, Webassembly pdf Qt Safe Renderer (Kimmo Ollila) : QSR pdf Hardware support for safety and gfx sharing (Stephen Lawrence) : pdf
14:00 - 16:30	Hypervisor Project Working Session	GPU sharing intro/discussion (Matti Möll, Opensynergy): pdf Secure partitions in Virtualization (Achin Gupta, ARM): pdf Hardware support for virtualization: (Stephen Lawrence, Renesas) : pdf
14:00 - 16:30	RAMSES Tutorial, continued	Workshop slides Ramses overview