# 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<br><br>video: mp4 / 720p, mov / 1080p |
| 14:00 - 15:30 | Graphics Sharing & Distributed HMI Case Studies | Introduction: pdf<br><br>BMW RAMSES (presentation was held 11.20-11.35): video (see also overview slides pdf)<br><br>Harman Android/QNX system #1 (Shared-state) (presentation was held 11.35-11.45) : pdf, video<br><br>Qt Case Studies: Qt Remote Objects: pdf, Qt WebGL: pdf<br><br>ADIT/Bosch Implementing Waltham in practice: pdf<br><br>Harman Android/QNX system #2 (Surface Sharing) : pdf, video<br><br>Renesas R-Car Canvas-demo (Display and GPU Sharing): pdf (with videos), pdf (without videos)<br><br>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 |

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

11 Nov 2018

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