

IDF13 San Francisco Technical Session Schedule

9/1/2013

Day 1 9/10/13 TUESDAY											Labs		
Room Number	3016	2001	2002	2003	2004	2005	2006	2007	2008	2009	2000	2010	2011
11:00 - 12:00	SPCS001	GSPS001 HP	ULBS001	EDCS001	SECS001	GVCS001	SSDS001	AIOS001	GSPS002 Wind River	SFTS001			
Lunch 11:00 - 1:00pm													
1:00 - 2:00	GSPS004 IBM	SPCS002	ULBS002	EDCS002	SECS002	GVCS002	SSDS002	BCSS001	PERS001	GSPS003 Supermicro	COML001	SFTL001	SFTL002
2:15 - 3:15	ARCP001	AIOS002	ULBS003	EDCS003	SECS003	GVCS003		BCSS002	PERS002	SFTS002			
3:45 - 4:45	ARCS001	AIOS003	ULBS004	EDCS004	SECS004	GVCS004	SSDS003	BCSS003	PERS003	SFTS003	COML001R	SFTL001R	SFTL002R
5:00 - 6:00	SPCS003	AIOS004		EDCS005		GVCS005	SSDS004	SPCP001	PERS004	SFTS004			

Day 2 9/11/13 WEDNESDAY											Labs		
Room Number	3016	2001	2002	2003	2004	2005	2006	2007	2008	2009	2000	2010	2011
11:00 - 12:00	SPCS004		ULBS005	EDCS006		ARCS002	ACAP001 until 12:30	SFTS005	STTS001	SFTS008			
Lunch 11:00 - 1:00pm													
1:00 - 2:00	SPCS005	CLDS001	ULBS006	EDCS007	GSPS005 EMC	SECS005	ACAS001	SPCS008	STTS002	SFTS009	SFTL003	PERL001	SSDL001
2:15 - 3:15	SPCS006	CLDS002	ULBS007	EDCS008	FUTS001	CLDS005	ACAS002	BCSS004	STTS003	SFTS010			
3:45 - 4:45	SPCP002 Intel Fellows Live	CLDS003	TABS001	HSTS001	FUTS002	CLDS006	EXPS001	SFTS006	STTS004	SFTS011	SFTL003R	PERL001R	SSDL001R
5:00 - 6:00	SPCS007	CLDS004	TABS002	COMS001	TECS001	CLDS007	EXPS002	SFTS007	STTS005	SFTS012			

Day 3 9/12/13 THURSDAY													
Room Number	3016	2001	2002	2003	2004	2005	2006	2007	2008	2009	2000	2010	2011
10:45 - 11:45	SPCP003 goes until 12:15	CLDS008	ARCS003	COMS002	TECS002	FUTS003	EXPS003	EMBS001	HSTS004	SFTS013			
Lunch 11:00 - 1:00pm													
1:00 - 2:00		CLDS009	HSTS002	COMS003	TECS003	FUTS004	EXPS004	EMBS002	HSTS005	SFTS014	CLDL001	SECL001	SFTL004
2:15 - 3:15		CLDS010	HSTS003	COMS004	TECS004		EXPS005		SFTS016	SFTS015			

11:00 - 12:00	SPCS001 Technology Insight: Interactive Experiences with Perceptual Computing	GSPS001 HP Gold Sponsor Session: How Mobility is Shaping the Future of Computing	ULBS001 Introduction to System Design for the Next Generation Ultrabook™ and 2 in 1 Devices	EDCS001 The Open Data Center Alliance: Using Cloud Computing Usage Models	SECS001 Anatomy of Today's Threats and How to Stop Them—An Architect's View of Threats and McAfee Protection	GVCS001 Display Technologies for Intel® Graphics	SSDS001 Professional Series Client SSDs - Security Solutions for Enterprise	AIOS001 Overclocking Unlocked Intel® Core™ Processors for High Performance Gaming and Content Creation	GSPS002 Wind River Gold Sponsor Session: Internet of Things Security - Evolution Not Revolution	SFTS001 Essentials of Intel® Xeon Phi™ Coprocessor Programming				10:30 - 11:30
11:00 - 1:00														
1:00 - 2:00	GSPS004 IBM Gold Sponsor Session: Introducing New Systems for Simplicity, Flexibility and Scale from IBM	SPCS002 Memory and Intel® Products	ULBS002 Improve Ultrabook™ Battery Life Using Power Optimized Software	EDCS002 Optimizing Data Center Workloads for the Intel® Xeon® Processor E5 Family	SECS002 Armor Your Applications Against Attacks using Intel® Secure Key	GVCS002 Gaming Across the Compute Continuum: Delivering Outstanding Visual Experiences with Intel® HD/Iris™ Graphics on Every Platform	SSDS002 Creating a More Responsive Cloud Data Center with Solid-State Drives	BCSS001 4th Generation Intel® vPro™ Platforms: Developing Compelling User Experiences	PERS001 System Optimization for Video Communication and Perceptual Computing Experiences	GSPS003 Supermicro Gold Sponsor Session: Optimum Scalability – MicroCloud, MicroBlade, and Intel® Many Integrated Core Architecture Optimized Server Systems	COML001 Hands-on Lab: Intel® Data Plane Development Kit and Wind River™ Intelligent Network Platform with Deep Packet Inspection	SFTL001 Hands-on Lab: Develop, Optimize, Debug and Tune Applications for Android™	SFTL002 Hands-on Lab: Extending Parallelism From Intel® Xeon® to Intel® Xeon Phi™ Coprocessors - Create Optimized Highly Parallel Apps with Intel® Parallel Studio XE	1:00 - 2:00
2:15 - 3:15	ARCP001 Intel Haswell Microarchitecture – A Conversation with the Architects	AIOS002 Portable All-in-One PCs: Market Opportunity and User-centric Optimizations	ULBS003 Designing Rich, Low Power Displays for PCs	EDCS003 Enhancing OpenStack™ with Intel® Technologies for Public, Private and Hybrid Cloud	SECS003 Stop Buffer Overflows in Their Tracks with Intel® Memory Protection Extensions (Intel® MPX): Intel® Technology Enhancements to Prevent Common Exploits at the Hardware Level	GVCS003 Optimizing your Applications Using OpenCL™ on Intel® Iris™ Graphics	BCSS002 Intel® Setup and Configuration Software: Discover and Configure Intel® vPro™ Platforms	PERS002 Speech Interaction – Designing Today for Capabilities of Tomorrow	SFTS002 Using the Second-Screen API and Intel® Wireless Display From Android™ Applications	2:15 - 3:15				
3:45 - 4:45	ARCS001 Intel® HD and Iris™ Graphics: Welcome to the Visual Age and Capabilities of the 4th Generation Intel® Core™ Processors	AIOS003 All-in-One PCs – Put a Spark Back into Desktop PCs	ULBS004 Designing Connected Standby for the Ultrabook™: Instant On Responsiveness and Aggressive Low Power	EDCS004 Protect Your Big Data with Intel® Xeon® Processors and Intel® Distribution for Apache Hadoop™ Software	SECS004 Redefining Computer Security	GVCS004 Media Innovations in Intel® Platforms	SSDS003 PCI Express™ Based Storage - Crossing the Technology Adoption Chasm?	BCSS003 Meshcentral.com – Using Intel® AMT and Intel® Smart Connect Features From the Cloud	PERS003 Enabling New Usages with Improved Audio, Voice and Speech	SFTS003 Building Compelling Windows™ Store Applications on Intel® Atom™ Processor Based Tablet Devices	COML001R Repeat: Hands-on Lab: Intel® Data Plane Development Kit and Wind River™ Intelligent Network Platform with Deep Packet Inspection	SFTL001R Repeat: Hands-on Lab: Develop, Optimize, Debug and Tune Applications for Android™	SFTL002 Repeat: Hands-on Lab: Extending Parallelism From Intel® Xeon® to Intel® Xeon Phi™ Coprocessors - Create Optimized Highly Parallel Apps with Intel® Parallel Studio XE	3:45 - 4:45
5:00 - 6:00	SPCS003 Re-Architecting the Data Center	AIOS004 Developing Software for Portable All-in-One Devices		EDCS005 Big Data Analytics Software Technologies for the Developer and Deployer		GVCS005 Hardware Accelerated Cloud Media Processing	SSDS004 NVM Express: Optimized Interface for PCI Express SSDs	SPCP001 Panel: DDR4 Memory Ecosystem	PERS004 Adding Natural User Interfaces to Software with the Intel® Perceptual Computing™ SDK (Software Developers Kit)	SFTS004 Build Effective and High Performance Hybrid Applications Targeting Windows™ 8 UI and Desktop Environments				5:00 - 6:00

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11:00 - 12:00	SPCS004 Technology Insight: Intel® Platform for Tablets, Code Name Bay Trail-T		ULBS005 2014 Mobile Platform: System Design and Path to Fanless Designs	EDCS006 Moore's Law And Big Data - Let's Make Big Data Matter		ARCS002 Intel® Advanced Vector Extensions 2 and Software Optimization	ACAP001 Panel: From HTML5 to the Intel® Xeon Phi™ Coprocessor: Technical and Education Models to Provide the Next Generation Workforce	SFTS005 Developing Native Applications on Android™ and Optimizing for Intel® Architecture	STTS001 Creating UEFI Solutions Optimized for Mobile Devices	SFTS008 Intelligent Caching Software for High Application Performance in the Data Center using Solid State Drives				11:00 - 12:00
11:00 - 1:00														11:00 - 1:00
1:00 - 2:00	SPCS005 Technology Insight: Intel Silvermont Microarchitecture	CLDS001 Rack Scale Architecture for the Cloud	ULBS006 Ultrabook™ Design and Lifecycle Considerations for BIOS and Flash Security	EDCS007 Trusted Platform Module Family "2.0"	GSPS005 EMC Gold Sponsor Session: The Platform for Next Generation Cloud and Big Data Application	SECS005 Accelerate the Performance of Public Key Algorithms Using the New Intel® Advanced Vector Extensions 2 (Intel® AVX2) in Intel Haswell Microarchitecture	ACAS001 Beyond Hadoop™ MapReduce: Processing Big Data	SPCS008 Worldwide Product Energy Regulatory Landscape: Navigating New Requirements and Design for Compliance Challenges	STTS002 UEFI Secure Boot in Linux™	SFTS009 Scalable and Simple: Managing Storage Using Intel® Enterprise Edition for Lustre™ Software	SFTL003 Lab: Using Intel® AMT and Intel® Smart Connect From the Cloud	PERL001 Hands-on Lab: Adding Natural User Interfaces to Software with the Intel® Perceptual Computing SDK (Software Developers Kit)	SSDL001 Hands-on Lab: Compiling the NVM Express Linux™ Open Source Driver and SSD Linux Benchmarks and Optimizations	1:00 - 2:00
2:15 - 3:15	SPCS006 Technology Insight: HTML5 – The Most Viable Path to Seamless Computing	CLDS002 Software Defined Data Center (SDCC) Best Known Methods	ULBS007 Next Generation Intel® Celeron® and Pentium® Processors (Bay Trail-M/D) for Entry Mobile and Desktop Designs	EDCS008 Virtualizing the Network to Enable a Software Defined Infrastructure (SDI)	FUTS001 A Scalable Power Efficient I/O Solution for Supercomputers	CLDS005 How Intel® Technology Can Unlock Capacity Storage Solutions in the Cloud	ACAS002 Exploring Next Generation Wireless (5G): Transforming the User Experience	BCSS004 Tablet Solutions in Business: Build On Intel Technologies for Differentiation	STTS003 Using UEFI for Secure Firmware Update of Expansion Cards	SFTS010 MapReduce and Lustre™: Running Hadoop™ in a High Performance Computing Environment				2:15 - 3:15
3:45 - 4:45	SPCP002 Intel Fellows: Live and Uncensored!	CLDS003 Intel® Microservers – Density, Power, and other Design Considerations for the Next Generations of Intel® Server SoCs	TABS001 Tablets with Windows™ and Intel® Atom™ Processors	HSTS001 Thunderbolt™ 2 Technology: New Capabilities and Features	FUTS002 Getting Security and Usability From a User Authentication System	CLDS006 Extending Open Networking Platform (ONP) for the Next Generation Server Architectures	EXPS001 Intel® Wireless Display Technical Overview: Enabling Dual Screen Applications	SFIS006 Overview of the Intel® HTML5 Development Environment and Intel® HTML5 App Porter Tool	STTS004 Predicting Performance of Hadoop™ and Data Center Clusters with Intel® CoFluent™ Studio	SFTS011 Driving API Integration Value From Back Office to Boardroom	SFTL003R Repeat: Lab - Using Intel® AMT and Intel® Smart Connect From the Cloud	PERL001R Repeat: Hands-on Lab - Adding Natural User Interfaces to Software with the Intel® Perceptual Computing SDK (Software Developers Kit)	SSDL001R Repeat: Hands-on Lab - Compiling the NVM Express Linux™ Open Source Driver and SSD Linux Benchmarks and Optimizations	3:45 - 4:45
5:00 - 6:00	SPCS007 Technology Insight: The Path to Exascale Computing	CLDS004 Intel IT Open Cloud – What's Under the Hood, and How Do We Drive It?	TABS002 Tablets with Android™ and Intel® Atom™ Processors	COMS001 Critical Run-Time Components and Life Cycle Development Tools for Next Generation Intelligent Network Elements	TECS001 Driving Industrial Innovation in the Technical Computing Era	CLDS007 OpenStack™ Swift Erasure Code: A Smart Cloud Storage Solution	EXPS002 Intel IT Business PCs: Supporting New Experience Demands in the Enterprise	SFTS007 Explicit Approaches to Parallelization and Vectorization	STTS005 Accelerating Software Development on Next Generation Intel® Architecture Microservers and Tablets with Wind River Simics™	SFTS012 Network as a Service: Using Telecommunications APIs to Create and Enhance Applications and Services				5:00 - 6:00

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10:45 - 11:45	SPCP003 A "Sneak Peek" into Intel Research... What's Next? SESSION ENDS 12:15PM	CLDS008 Enabling Data Center Optimization through the use of New Hardware Telemetry on the Intel Haswell Microarchitecture	ARCS003 Power Optimization in Graphics Architecture	COMS002 The Future of Software Defined Networking with the Intel® Open Network Platform Switch Reference Design	TECS002 Systematic Optimizations for Intel® Xeon® Processor and Intel® Xeon Phi™ Coprocessor	FUTS003 Strengthening Platforms Against Malware Attacks Using Intel® Virtualization Technology Extensions	EXPS003 Intel® Common Connectivity Framework: Enabling Connected (Proximity) Experiences in Multi-Device, Multi-OS Classrooms	EMBS001 Enabling the Smart Connected World	HSTS004 Extending SuperSpeed USB to Higher Performance Applications - 10Gbps SuperSpeed USB	SFTS013 Developing Tizen® OS Based Solutions				10:30 - 11:30
11:00 - 1:00														11:00 - 1:00
1:00 - 2:00		CLDS009 Server Platforms and Persistent Memory: The Impact of a New Tier Between Memory and Storage	HSTS002 New Developments in PCI Express® Architecture	COMS003 Enabling Network Function Virtualization and Software Defined Networking with the Intel® Open Network Platform Server Reference Design	TECS003 Beyond Queries: Finding Patterns in Big Data Using Graph Analytics with Hadoop® Software	FUTS004 Making Big Data Relevant	EXPS004 Building Android® Systems with Intel® Architecture Based Platforms	EMBS002 The Next Generation Intel® Atom™ System-on-Chip for Embedded Intelligent Applications	HSTS005 Enabling the Single Connector Client Platform Using SuperSpeed USB Technologies	SFTS014 It's All About The Browser: Enabling Platform Features On the Chrome OS	GLDL001 Hands-on Lab: Intel® Atom™ System-on-Chip Based Microserver and Storage Debug Tools	SEGL001 Hands-on Lab: Security and Intel® Distribution for Apache Hadoop® Software	SFTL004 Hands-on Lab: Connecting Server and Mobile Application Development with HTML5 in the Enterprise	1:00 - 2:00
2:15 - 3:15		CLDS010 MXC - The Next Generation Optical Connector	HSTS003 Extending PCI Express® Architecture to Smartphone and Tablet Devices	COMS004 Utilizing Intel® Quick Sync Video for High Density Video Transcoding in Communications Servers	TECS004 A Deep Dive on Using Intel High-performance Fabrics and Storage to Maximize Application Performance		EXPS005 Delivering Multi-screen TV Experiences on Intel® Architecture		SFTS016 Write Transformational Applications for 2 in 1 Devices Based on Ultrabook™ Designs	SFTS015 Accelerating Your Software Development for Android® on Intel® Platforms				2:15 - 3:15