

Wireshark Developer and User Conference

Stanford University, Palo Alto, CA
June 14-17, 2010



Conference Schedule

June 01, 2010

Monday, June 14			
5:00pm - 8:00pm	Welcome Fiesta & Registration		

Tuesday June 15	Developer/Advanced User	Basic User	Advanced User
8:00 am - 9:00 am	CONTINENTAL BREAKFAST		
9:00 am - 10:00 am	WELCOME & KEYNOTE "25 Years of Packet Tracing - A Personal Retrospective" Van Jacobson, Creator of tcpdump, Research Fellow, PARC		
10:00 am - 10:15 am	<i>Break</i>	<i>Break</i>	<i>Break</i>
10:15 am - 11:30 am	D-1 Writing Wireshark Dissectors and Plug-Ins: BEGINNER Instructor: Gerald Combs, Ethereal/Wireshark Project Creator	B-1 802.11 Secrets Revealed - Part 1: RF Signal Propagation Instructor: Joe Bardwell, Founder, Connect802	A-1 Stump the Expert! Packet Trace Whispering Instructor: Hansang Bae, Senior VP, Citi Network/Application Perf. Engineering
11:30 am - 11:45 am	<i>Break</i>	<i>Break</i>	<i>Break</i>
11:45 am - 1:00 pm	D-2 Sniffing Infrastructure and Tools for a Large Enterprise: A Network Engineer's Perspective Instructor: Tim Chung, Network Architect, Google	B-2 Analyzing TCP/IP Networks with Wireshark Instructor: Ray Tompkins, Founder & CEO, Gearbit	A-2 Advanced Threat Intelligence and Session Analysis Instructor: Tim Belcher, CTO, NetWitness
1:00 pm - 1:55 pm	LUNCH	LUNCH	LUNCH
2:00 pm - 3:15 pm	D-3 Visualizing RF Instructor: Ryan Woodings, Chief Geek, MetaGeek LLC	B-3 Where NetFlow and Packet Capture Complement Each Other Instructor: Michael Patterson, President & CEO, Plixer International, Inc.	A-3 VoIP Troubleshooting Instructor: Sean Walberg, Wireshark Core Developer
3:15 pm - 3:30 pm	<i>Break</i>	<i>Break</i>	<i>Break</i>
3:30 pm - 4:45 pm	D-4 Power-Boosting Your Tools by Adding Meta-Data Tags to Packets Instructor: Patrick P. Leong, CTO, Gigamon	B-4 Network Access Security - It's Broken, Now What? Instructor: Jeff Carrell, Network Systems & Security Instructor	A-4 Visibility into the DMZ Network with Wireshark Instructor: Ashok Desai, Intel Information Technology
4:45 pm	End of Day	End Of Day	End of Day

Wednesday June 16	Developer/Advanced User	Basic User	Advanced User
8:00 am - 8:55 am	CONTINENTAL BREAKFAST		
9:00 am - 10:30 am	D-5 Scripting Wireless Utilities Instructor: Mike Kershaw, Kismet Creator	B-5 HANDS-ON LAB: WLAN Analysis with Wireshark & AirPcap Instructor: Keith R. Parsons, Managing Director, Institute for Network Professionals	A-5 The Shark Distributed Monitoring System: Distributing Wireshark Deep Packet Analysis to LAN/WAN Infrastructures Instructor: Loris Degioanni, CTO, CACE Technologies
10:30 am - 10:45 am	<i>Break</i>	<i>Break</i>	<i>Break</i>
10:45 am - 12:15 pm	D-6 Wireless Security Instructor: Thomas D'Otreppe, Aircrack-ng Creator	B-6 Discovering IPv6 with Wireshark Instructor: Rolf Leutert, Consultant and Trainer, Leutert NetServices	A-6 HANDS-ON LAB: Using Wireshark Command Line Tools & Scripting Instructor: Sake Blok, Wireshark Core Developer, Consultant & Trainer @ SYN-bit
12:15 pm - 1:15 pm	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>
1:15 pm - 2:45 pm	D-7 Scripting and Extending Nmap and Wireshark with Lua Instructor: Gerald Combs & Gordon (Fyodor) Lyon, Nmap creator	B-7 TAPS Demystified Instructor: Sam Battaglia, US Technical Manager, Network Critical NA	A-7 SPAN Out of the Box Instructor: John He, Founder and Senior Hardware Design Consultant, Dualcomm Technology, Inc.
2:45 pm - 3:00 pm	<i>Break</i>	<i>Break</i>	<i>Break</i>
3:00 pm - 4:30 pm	RT-1 Wireshark Roadmap Roundtable Moderator: Gerald Combs, Ethereal/Wireshark Project Founder & Director of Open Source Projects, CACE Technologies, Inc.	B-8 10 Cool Things You Should Know How To Do with Wireshark Instructor: Laura Chappell, Co-Founder, Wireshark University, Founder, Chappell University	A-8 CASE STUDY: Wireshark in the Large Enterprise Instructor: Hansang Bae, Senior VP, Citi Network/Application Performance Engineering
4:30 pm	<i>End of Day</i>	<i>End of Day</i>	<i>End of Day</i>
6:00 pm - 8:00 pm	SPONSOR-HOSTED COCKTAIL RECEPTION & TRADE EVENT - Sheraton Palo Alto		

Thursday June 17	Developer/Advanced User	Basic User	Advanced User
8:00 am - 8:55 am	CONTINENTAL BREAKFAST		
9:00 am - 10:30 am	D-8 Wireshark Dissector and Plug-in Development - ADVANCED Instructor: Gerald Combs, Ethereal/Wireshark Project Creator	B-9 802.11 Secrets Revealed - Part 2: Bit Transmission & Channel Capacity Instructor: Joe Bardwell, Founder, Connect802	A-9 Operating a Flexible Network Monitoring Infrastructure Instructor: Stephen Donnelly, PhD, Member of Special Projects Group, Endace
10:30 am - 10:45 am	<i>Break</i>	<i>Break</i>	<i>Break</i>
10:45 am - 12:15 pm	D-9 Using Specialized Network Adapters to Improve the Accuracy of Network Analysis in Highly-Utilized Networks Instructor: Pete Sanders, Worldwide FAE and Support Director, Napatech, Inc.	B-10 Wireshark vs. "the Cloud" Instructor: Jasper Bongertz, Senior Technical Consultant and co-founder, Synerity Systems	A-10 WLAN 802.11n MIMO Analysis Instructor: Rolf Leutert, Consultant & Trainer, Leutert NetServices
12:15 pm - 1:00 pm	<i>LUNCH</i>	<i>LUNCH</i>	<i>LUNCH</i>
1:00pm - 2:00 pm	D-10 To the Terabyte and Beyond! Leveraging Pilot and Wireshark to Analyze Truly Massive Packet Traces Instructor: Loris Degioanni, CTO, CACE Technologies	B-11 Basic TCP/IP Analysis Instructor: Hansang Bae, Senior VP, Citi Network/Application Performance Engineering	
2:00pm - 3:00 pm			A-11 HANDS-ON LAB - Death of a Network: Identify the Hidden Cause of Crappy Network Performance Instructor: Laura Chappell, Co-Founder, Wireshark University, Founder, Chappell University
3:15 - 4:15pm	KEYNOTE "Reading the Traffic: Learning Behavior from Watching Bits", Dr. Harry Saal, Chairman, Technical Committee - USDOJ vs. Microsoft Consent Decree and Founder & CEO, Network General Corporation		