

Schedule - Signal Processing Summit 2025 – Silicon Valley

	Tuesday 10/14	Wednesday 10/15	Thursday 10/16
8:00	Registration		
8:30	Alexander Talashov Accelerated Audio	Dan Boschen The Space Between Samples: Variable Delay with Subsample Precision	fred harris Let’s Assume the System is Synchronized
9:00	Computing: Leveraging GPUs for Modern DSP Workflows		
9:30	Paul Beckmann Are Digital Signal Processors Going Away?		
10:00			
10:30	Break	Break	Break
11:00	Jatin Chowdhury Performance Engineering for Modern DSP	Nir Regev AI in Radar Signal Processing	Ric Losada Channelizers in Digital Receivers
11:30			
12:00	Lunch	Lunch	Lunch
12:30			
13:00	Samuel Fischmann Measure for Measure: The Loudness Wars	Christopher Hansen How to Design Nonlinear Approximations for DSP	Spencer Markowitz When Perfect Isn’t Optimal: Rethinking Matched Filtering in Radar
13:30			
14:00	Ayan Shafqat Vectorizing IIR Filters: Making Recursive Filters Parallel	Hilmar Lehnert Frequency and Damping: a handy map of the Z-plane	
14:30			
15:00	Break	Break	Break
15:30	Remington Furman Sonifying the Tides	Bradford Watson Non-Powers-of-2 FFTs and Why You Should Use Them	fred harris Things my mother told me about The Sampled data Fourier Transform
16:00			
16:30	Mark Thoren Exploring Digital Filters with Low-Cost Hardware and Open-Source Tools	Kendall Castor-Perry The Filter Wizard – Unfiltered	Dan Boschen RadioSonic(TM): A Preview of a Teaching Platform Using Audio-Frequency Waveforms
17:00			
17:30		Happy Hour – 5:30pm to 6:30pm	

Regular Talk	Workshop	Deep Dive Talk
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