



TOPIC: DSP In the Cloud:
Emerging Technology Is Here to Stay

SPEAKER: Teri Grossheim
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WHERE: Zoom Online Presentation
RSVP or call 312.861.1100



Lead Technologist / Associate with Booz Allen Hamilton, **Teri Grossheim** holds both an MBA with specializations in information systems and consumer insights (DePaul) and a M.S. in Music Technology from Indiana University – Purdue University Indianapolis. Since 2011, Teri's career has mainly focused on working alongside Apple to engineer Mac and iOS deployments for Fortune 500/enterprise, small business, financial, government, healthcare, and education customers where she was part of the team to help build Apple's supply chain. Grossheim has worked on strategic projects for Apple in healthcare and education, including pre-sales engineering for Chicago Public Schools / Apple's *Everyone Can Code* initiatives and more.

Bringing DSP to the Cloud

Cloud computing has now planted itself firmly into the mainstream of our technological world. Digital Signal Processing (DSP) can be described as the digital representation of analog signals – whether that be sound, video/film, voice, etc. – which can be manipulated via computation (or mathematically) for a desired result.

DSP has historically been in the domain of a hardware-driven architecture, so what does that mean in the world of cloud computing? With hardware devices becoming smaller, ranging from smartphones to wearables, cloud computing is becoming more important for practical applications.

Since quality is a serious consideration in the world of sound (as well as imagery), can cloud computing produce the same results as a hardware-based system? The world of DSP is now adapting to advances in information communication technology to support our daily lives which increasingly require both high quality sound, video, and images. Do popular cloud service providers such as AWS or Google Cloud address DSP in their documentation and/or support, and if so what is their stance on the topic?

Join Us As We Take DSP to New Levels

In this talk, Teri Grossheim will provide a historical background on DSP basics, the current state of technological applications, and what we may anticipate moving forward.

About Booz Allen Hamilton

[Booz Allen Hamilton](#) is a global consulting firm based in McClean, Virginia, solving complex problems with expertise in analytics, digital, engineering, and cyber.

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