



Ground System Architectures Workshop *Driving Innovation for Enterprise Integration*

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Joined ASRC Federal in 2020 with 20 years of experience in machine learning, image processing, point cloud production, terrain approximation, and applied mathematics. His current focus is on anomaly detection in nonperiodic multivariate time series of satellite telemetry. Previously he was a Chief SE at SigmaSpace leveraging GPU computing to achieve real-time lidar point cloud generation. Held positions as a Research Associate Professor at the Industrial Mathematics Institute (2006-2015) with funding from DoD, NSF, ARO, ONR, and private contractors. As a PI on a NEH grant, he developed an open-source application for extraction of optical sound from film scans. He received PhD in Applied Mathematics from USC and MS in Mathematics from Sofia University. An avid Coursera learner, he has completed several deep learning specializations, and continues to follow the latest developments in AI tools and techniques.