

IEEE Miami Section Invited Seminar Announcement

“Additive Manufacturing for Future 3D Communication and Diagnostic Systems”

Speaker: Dr. Jaim Nulman

Date: Friday, February 25, 2022

Lecture: 11:00 am, EC 2680, Florida International University (FIU), EC Campus, 10555 W Flagler St Miami, Florida 33174



Abstract:

Simultaneous multi-material additive manufacturing is a revolutionary approach that helps redefine the electronics of tomorrow for attributes including density, size, and flexibility. The DragonFly LDM® is fitted with two printheads, one for nano-silver conductive ink and the other for dielectric polymer ink. This set-up allows the DragonFly LDM® to concurrently print with both advanced inks in a single print job.

DragonFly LDM® inkjet deposition system is setting new precision standards for 3D printed electronics, making it ideal for industries with the most demanding design and quality requirements, such as aerospace, automotive, telecommunications, healthcare and more.

Speaker's Bio

Dr. Jaim Nulman, CTO & EVP of Products in Nano Dimension, is a proven influencer and innovator with more than 30 years of expertise in working with companies from start-ups to Fortune 500 enterprises. He served as Vice President of Applied Materials, where he spent 15 years in several product division and corporate positions. He drove the successful commercialization of one of Applied Materials' semiconductor manufacturing products with impressive market penetration of \$1 billion in less than five years.

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