

**Bio:**

Dan Steingart is an assistant professor in the department of chemical engineering at the City College of New York, and a founding faculty member of the CUNY Energy Institute. He has developed printing processes for electrochemical energy storage, distributed sensors for large scale electrochemical processes, and power conversion circuitry for wireless sensor nodes in both academic and industrial laboratories. As a co-founder of Wireless Industrial Technologies (WIT) he spent considerable time probing conductors carrying over 50 kA in commercial electrowinning plants while trying to remember what not to touch or breathe.