



**POWER & ENERGY SOCIETY  
INDUSTRY APPLICATIONS SOCIETY  
LIFE MEMBERS AFFINITY GROUP  
NEW YORK SECTION**



**You are invited to a meeting of the PES & IAS NY Chapter and the NY LMAG on:**

**3D Printing Technologies: A Review and Synthesis**

**Tuesday, August 25<sup>th</sup>, 2015**

**THE PRESENTATION:**

3D printing technologies have gained prominence in the recent past. In this presentation, we will review the historical evolution of 3D printing technologies, highlight current 3D printing applications, and describe current skill sets of lead users. We will also discuss five components potential users may want to consider before adopting the technology. The presentation will conclude with implications for 3D printing business models.

**THE SPEAKER: Elizabeth Mathias**



A strategic user advocate, Elizabeth Mathias applies a human centric methodology to both her research and her work. At Consolidated Edison Company of New York Inc., she has implemented new applications, enhancements, process improvements, and change management initiatives all with the goal of improving the user experience. Elizabeth became interested in 3D printing during her second semester of graduate school. Under the guidance of Bharat Rao, she wrote her master's thesis on 3D printing/additive manufacturing, which analyzed lead users of the technology. The paper was recently presented at the Portland International Center for Management of Engineering and Technology (PICMET) and will be available in IEEE Explore. Elizabeth Mathias has a BS in Economics from Marymount Manhattan College and an MS in Technology Management from NYU's School of Engineering

**ALL ARE INVITED – PLEASE POST**

RSVP: email preferred  
**Chair Programs: Arnold Wong**  
[wongar@coned.com](mailto:wongar@coned.com) or (212) 460-4189

**FOR SECURITY REASONS: NO WALK-INS!**

**When:** 5:00 pm — Refreshments & Program

7:00 pm — Program Ends

**Where:**

Con Edison  
Edison Room, 19<sup>th</sup> Floor  
4 Irving Place, New York, NY 10003  
Nearest Subway: 14<sup>th</sup> St/Union Sq.

**This program will be awarded IEEE Continuing Education Units.**

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