The Future of Aerospace – Challenges and Opportunities in M&P

Dr. Ashley Tracey, The Boeing Company

Friday, October 25, 2019 at 2:00 pm in ET 106
Refreshments at 1:45 pm
All are welcome!

As the aerospace industry continues to grow and change, new marketplaces and challenges present new opportunities for materials and process engineers. This presentation will give a brief overview of what we’ve learned in the past 100 years of aerospace innovation, and then describe disrupters that are driving the need for new materials and processes. Some of these change drivers include the evolving marketplace, cost of energy, and non-aerospace manufacturing advances. This presentation will discuss recent M&P developments and where breakthroughs are needed for future aerospace applications.

As an engineer at The Boeing Company, Dr. Tracey works on the Product Strategy and Future Airplane Development team for Boeing Commercial Airplanes with a focus on composites, materials characterization, and surface preparation and adhesion. Dr. Tracey is also actively involved with the Society for the Advancement of Material and Process Engineering (SAMPE), volunteering for various roles both locally and nationally. In 2018, she was selected as the SAMPE Young Professional of the Year.

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