



2023 ETI Summer School

Advanced Manufacturing for Nonproliferation ---- Part I (online)

- ❖ Schedule: 12:00 ~ 13:20, Eastern Time, Wednesday, weekly.
- ❖ Join via Zoom platform: <https://gatech.zoom.us/j/92665875207>

Date	Lecture	Lecturer
June 7, 2023	ETI Intro and Course Overview	Dr. Anna Erickson (Georgia Institute of Technology) Dr. Pavel Tsvetkov (Texas A&M University) Dr. Steven Biegalski (Georgia Institute of Technology) Dr. Amit Jariwala (Georgia Institute of Technology)
June 14, 2023	Overview of Manufacturing Processes with emphasis on conventional mfg.	Dr. Jamie Berez (University of North Carolina - Charlotte)
June 21, 2023	Manufacturing Considerations in Design – emphasis on functional tolerances, etc.	Dr. Jamie Berez (University of North Carolina - Charlotte)
June 28, 2023	Engineering Design Process – emphasis on materials selection	Dr. Kyriaki Kalaitzidou_(Georgia Institute of Technology)
July 5, 2023	Prototyping and Testing	Dr. Dan Thoma (University of Wisconsin - Madison)
July 12, 2023	Advanced 3D Printing	Dr. Chris Saldana (Georgia Institute of Technology)
July 19, 2023	Predictive Analytics (Born Certified and QA/QC)	Dr. Kyle Saleeby (Georgia Institute of Technology)
July 26 2023	Advanced Manufacturing at Pacific Northwest National Laboratory	Michelle Fenn (Pacific Northwest National Laboratory)
August 2, 2023	Additive Manufacturing and the Manufacturing Demonstration Facility at ORNL	Dr. Suresh Babu (University of Tennessee)
August 9, 2023	Advanced Manufacturing at Idaho National Laboratory	Dr. Jorgen Rufner (Idaho National Laboratory)