

PARADIM Summer Schools 2016-2019

207 Participants

PARADIM offers summer school programs that combine lectures and hands-on learning in the PARADIM facilities to educate and grow PARADIM's community of practitioners. We also advance the field by providing sessions designed to develop the team skills necessary to enable creative and productive collaborations among theorists, crystal growers, and materials characterization experts. Through these summer schools, we are developing the next generation of technologists with the skills necessary to accelerate the discovery of atomically engineered inorganic materials that revolutionize electronics.

All summer school lectures are available in PARADIM's Materials-by-Design Toolbox at www.paradim.org.

Summer Schools at Johns Hopkins University:

2016: Materials Growth and Design

2017: Design-Driven Synthesis of Topological Materials

2018: Exotic Magnetic States in Quantum Materials

2019: Materials Growth and Design with Big (Materials) Data

Summer Schools at Cornell University:

2016: DFT for Experimentalists

2017: Electron Microscopy

2018: DFT for Experimentalists

2019: MBE + ARPES

Julie Nucci, Cornell University

Gender	Ethnicity	Institution	Participant
34% F	19% URM	23% non-R1	68% grad students
66% M	72% non-URM	70% R1	15% post-docs
	9% no response	7% other	9% faculty 4% undergrad 4% staff scientists

18% of successful user proposals were submitted by summer school participants

