

MIT Professional Education Short Course

PREDICTIVE MULTISCALE MATERIALS DESIGN

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Join the cutting-edge of intelligent material design and discover how to integrate advanced technologies to drive the development of next-generation smart materials. In this condensed five-day course, you will participate in hands-on clinics, design studios and labs designed to help you to accelerate and optimize your atomically precise material design and manufacturing through the use of large-scale computational modeling and molecular dynamics, material informatics, and artificial intelligence. You will enhance your ability to leverage the most in-demand areas of materials engineering: Multiscale modeling, machine learning, bio-inspired design, additive manufacturing, and nanotechnology.



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