

Savannah River National Laboratory will leverage the Advanced Manufacturing Collaborative at USC Aiken to drive engagement between the laboratory, academia and private industry to identify, develop, scaleup and integrate new technologies that enable manufacturing innovation.

Advanced Manufacturing Collaborative



Savannah River National Laboratory scientists and engineers excel at solving applied technical challenges and welcome opportunities to partner with start-ups, entrepreneurs, established manufacturers, and academia to improve US industrial competitiveness. SRNL's Advanced Manufacturing Collaborative will be a cornerstone capability for the development of manufacturing solutions and specifically designed to lower the barrier to partnership. Scheduled to open in mid-2025, the AMC covers more than 60,000 square feet including Bench Labs, High Bay Labs, Computational Labs, and Industrial Engineering Labs, and will house approximately 100 SRNL scientists and engineers.

Developing technology, de-risking adoption, enabling deployment

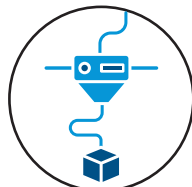
Advanced Manufacturing is the use of emerging technologies, processes, and materials to improve manufacturing efficiency, productivity and quality. Accelerating the adoption of new technologies that enable breakthroughs and optimize materials performance is one of the driving forces of research envisioned at the AMC. Program areas within the AMC include additive manufacturing, biomanufacturing, materials design and processing, automation, artificial intelligence, and operational technology cybersecurity. Whether working with SRNL through a cooperative research and development agreement or a strategic partnership program, partners at the AMC will have ready access to SRNL's researchers and its network of academic and industry partners to drive industrial competitiveness, gain economic advantage, solve technical problems, and enable manufacturing innovation.

Through the opening of the AMC, SRNL will deliver an economic engine for Aiken, Augusta, the Central Savannah River Area, South Carolina, Georgia, and the entire Southeast, providing manufacturers and entrepreneurs a new access point to SRNL and the Department of Energy.



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additive manufacturing



biomanufacturing



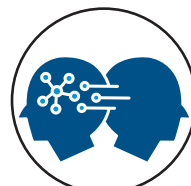
materials design
& processing



automation



OT cybersecurity



artificial intelligence



sensing



data analytics