



MIT ChemE

Spring 2025 Seminars

Reactive Carbon Capture



Curtis Berlinguette

Professor of Chemistry and Chemical and
Biological Engineering
University of British Columbia

Friday, April 25, 2025 - 3:00pm, 66-110

Prof. Curtis P. Berlinguette leads an interdisciplinary team that designs and builds electrochemical reactors to accelerate decarbonization. Dr. Berlinguette is a Distinguished University Scholar at the University of British Columbia, where he is a Professor of Chemistry and Chemical & Biological Engineering. He is also a Fellow of the Royal Society of Canada, CIFAR Program Director, and Principal Investigator at the Stewart Blusson Quantum Matter Institute (SBQMI). His academic group has advanced a range of clean energy applications including CO₂ utilization, membrane reactors for decarbonizing the chemicals industry, and low-temperature fusion. His team also pioneered the use of flexible automation and machine learning to build self-driving labs for materials.

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