

Rocky Mountain AIChE News

February 2023

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February Section Meeting: Techno-Economic Analysis for Clean-Tech Investments

Tired of making decisions based on guesswork and intuition? Want to take your project to the next level? Then it's time to embrace the power of techno-economic analysis!

What is techno-economic analysis?

- A techno-economic analysis is a framework that connects technical expertise with business fundamentals to give you an idea of the costs, benefits, and risks involved in any new technology or project.
- By considering factors such as production costs, scalability, market demand, and competition, it provides valuable insights that help you confidently make informed decisions.
- In this talk, we'll discuss how you can approach techno-economic analysis and go through a few examples of how you can use the analysis to draw valuable insights.

Speaker Biography: Avantika Singh is a chemical engineer turned techno-economic analyst who works at a climate tech startup/capital fund (Carbon Direct/Capital Management), advising clients on carbon reduction and carbon removal projects and doing due diligence on cleantech investments. Previously she was at the DOE's National Renewable Energy Lab doing economic, sustainability, and market analysis to guide DOE's research portfolio into biofuels, biochemicals, and plastics recycling.

February Section Meeting

Topic: Techno-Economic Analysis for Clean-Tech Investments

Speaker: Avantika Singh, Carbon Direct/ Capital Management

Date: Tuesday, February 28th

Time: 6:00 – Introduction
6:05 - Career Discussion
6:15 - Technical Presentation
7:15 – Q & A

Cost: Free

REGISTRATION REQUIRED. More information can be found on our [website](#).

[Register](#)

After you register, you will receive instructions via email for joining the meeting.

AIChE Meetings

2023

- Mar 12-16 [2023 Spring Meeting & 19th Global Congress on Process Safety](#)
Houston, TX
- April 14-15 [2023 Rocky Mtn Student Regional Conference](#)
Laramie, WY
- April 18-20 [4th Engineering Cosmetics and Consumer Products Conference](#)
Plainsboro, NJ
- May 1-4 [2023 OffShore Technology Conference](#)
Houston, TX
- May 30-Jun 2 [2023 Synthetic Biology: Engineering, Evolution and Design \(SEED\)](#)
Los Angeles, CA

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The objectives of AIChE are to advance chemical engineering in theory and practice, to maintain a high professional standard among its members, and to serve society, particularly where chemical, engineering can contribute to the public interest.

MEETING SCHEDULE

The Rocky Mountain Local Section (RMLS) of AIChE generally meets the second or third Tuesday of every month, September through May.