

### November Section Meeting Innovation in Mineral Processing and Extractive Metallurgy

This presentation will outline the history and impact of Innovations in Mineral Processing and Extractive Metallurgy. In some key developments, entirely new industries were created and propelled by this sector of innovation. Hence, brief case studies of the development and implementation of key technologies such as flotation, cyanidation, aluminum production, the Rare Earths, copper electrorefining and copper solvent extraction will be presented. Current opportunities and challenges will also be elucidated.



Dr. Corby G. Anderson is a licensed professional engineer with over 40 years of

### November Section Meeting

- Topic:** Innovation in Mineral Processing and Extractive Metallurgy
- Speaker:** Dr. Corby G. Anderson, Harrison Western Professor, Kroll Institute for Extractive Metallurgy - Assistant Director, Center for Resource Recovery & Recycling - CSM Director, Mining Engineering Department & George S. Ansell Department of Metallurgical and Materials Engineering, Colorado School of Mines
- Date:** **THURSDAY, November 12th**  
Please note this is not our usual day.
- Time:** 6:00 – Career Discussion  
6:15 – Presentation and Q & A
- Cost:** Free, Registration Required
- Location:** Online Webex meeting
- REGISTRATION REQUIRED.** More information can be found on our [website](#).

[Register](#)

After your request has been approved, you'll receive instructions via email for joining the meeting.

global experience in industrial operations, corporate level management, engineering, design, consulting, teaching, research and professional service. He is a native of Butte, Montana in America. His career includes positions with Thiokol Chemical Corporation, Key Tronic Corporation, Sunshine Mining and Refining Company, H. A. Simons Ltd. and at CAMP-Montana Tech. He holds a BSc in Chemical Engineering from Montana State University and an MSc from Montana Tech in Metallurgical Engineering and PhD from the University of Idaho in Mining Engineering - Metallurgy. He is a Fellow of both the Institution of Chemical Engineers and of the Institute of Materials, Minerals and Mining. He shares 14 international patents and 4 new patent applications covering several innovative technologies, 2 of which were successfully reduced to industrial practice. He currently serves as the Harrison Western Professor in the Kroll Institute for Extractive Metallurgy as part of the Mining Engineering Department and the George S. Ansell Department of Metallurgical and Materials Engineering at the Colorado School of Mines. In 2009 he was honored by the Society for Mining Metallurgy and Exploration with the Milton E. Wadsworth Extractive Metallurgy Award for his contributions in hydrometallurgical research. In 2015 he was awarded the International Precious Metals Institute's Tanaka Distinguished Achievement Award. In 2016 he received the Distinguished Member Award from the Society for Mining, Metallurgy and Exploration, the Outstanding Faculty Award from the George S. Ansell Department of Metallurgical and Materials Engineering at Colorado School of Mines and also became a Distinguished Member of the U of Idaho Academy of Engineering. In

2017 he received the EPD Distinguished Lecturer Award from The Minerals, Metals and Materials Society. In 2019 he was named as a Henry Krumb Distinguished SME Lecturer. In 2019 he was also appointed as a Visiting Faculty within the Minerals Engineering Department of Central South University in China, the largest program of Mineral Processing and Extractive Metallurgy in the world.

## **INCREASE STUDENT PARTICIPATION**

Our AIChE officers would like to increase participation from the university students in the Rocky Mountain area including South Dakota, Montana, Wyoming, and Colorado. If you have any contacts with students at the universities in these areas, please feel free to pass along our meeting announcements. Our current virtual format makes it ideal for students to attend.

## **UNIVERSITY LIAISONS WANTED**

The Rocky Mountain AIChE team is looking for liaisons for universities in Colorado, Wyoming, South Dakota, and Montana to help facilitate student participation. If you would be interested in getting the word out about our AIChE meetings to students at your university, please consider joining our Officer Team. Contact [Marc Paffhausen](#) for more information at 406-544-5871.

## AIChE Meetings

2020

- Nov 4-6      [3rd Food Innovation and Engineering \(FOODIE\) Conference](#)  
Virtual
- Nov 12-14    [2nd Emerging Meat Alternatives Conference \(EMAC\)](#)  
Virtual
- Nov 16-20    [2020 AIChE General Meeting](#)  
Virtual
- Nov 15        [2020 K-12 STEM Outreach Competition](#)  
Virtual
- Nov 18-20    [3rd Annual SPACE Travel: Adaptive Research and Technologies from Biological & Chemical Engineering](#)  
Virtual

### National AIChE Contact Info

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**Career Services:** 646.495.1330  
**Awards & Honors:** 646.495.1317  
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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.

AIChE Rocky Mountain is a public non-profit 501(c)(3) organizations and thus any and all donations are tax deductible.

## MEETING SCHEDULE

*The Rocky Mountain District of AIChE generally meets the second or third Tuesday of every month, September through May.*

## CALL FOR PRESENTERS

Do you have a presentation to share with our AIChE group? We are looking for presenters for our February through May meeting. Contact [Nick Thornburg](mailto:Nick.Thornburg) at 303-506-9824