



American Institute of Chemical Engineers
Dallas Section
November 2024

Join us for our upcoming meeting on November 19, 2024

Join us at 6:30 pm at our usual location:

Two Guys from Italy, 11637 Webb Chapel Road, Dallas,
Texas

Our speaker: Ian Saratovsky, Director for Environmental
Applications, Lhoist North America

Title: Lime: An Ancient Reagent with Modern Applications

Abstract

Lime (CaO) and hydrated lime ($\text{Ca}(\text{OH})_2$) are basic chemicals that have been produced and used for millenia: from Aztec and Mayan civilizations making maize palatable (1200-1500 BC), Roman aqueducts (312 BC – 226 AD) to modern applications. In modern times, lime and lime products are used in over 300 applications, including: steelmaking, air pollution control, PFAS remediation, lithium-ion battery manufacturing, and drinking and industrial water treatment. The ancient and modern uses of lime and lime products and chemistries will be discussed.

Speaker bio

Ian Saratovsky is Director for Environmental Applications with Lhoist North America. Lhoist is a large global lime and calcium reagent producer. Ian earned a PhD in Inorganic Chemistry and Environmental Engineering from Northwestern University, an MBA from Northwestern University's Kellogg School of Management, and was a Fellow at Oxford University in the UK for several years before entering industry to work on environmental applications, including water treatment and air pollution control. Since then, Ian has over 16 years of experience in air pollution control, water treatment, and industrial process optimization using various chemical reagents.

**Upcoming holiday dinner in December**

Save the date and join us for our holiday dinner in December.

December 11, 2024 at 6:30 pm

Dunston's Steakhouse

Bring your spouse, guest, or a partner to have a great time. More details and how to reserve your spot will be provided shortly.

Dallas' Oldest Steakhouse

est. 1955

Interested in learning about the power of lime slurry in water treatment?

Training and demonstration event
hosted by Lhoist at their NBD
Laboratory. AIChE members are invited
to attend. This is related to our
November meeting presentation,
providing an opportunity to learn about the topic in more depth.



Date: November 14, 2024

Time: 8:00 am to 1:00 pm

Location: 5214 Bear Creek Ct., Irving, Texas 75061

[Click here to register](#)

Stay current with announcements in our LinkedIn group

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account can see our news. If you wish to comment or post

information, you can join the group. To join, visit: [AIChE Dallas Section LinkedIn Group](#)

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