

REGISTER NOW!

TMS ALUMINUM
COURSE



INDUSTRIAL ALUMINUM ELECTROLYSIS

Course on Advancing Aluminum Production

DECEMBER 1-6, 2024

Novotel Sydney on Darling Harbour, Sydney, Australia

The Industrial Aluminum Electrolysis Course 2024 (IAE 2024) is a five-day professional development opportunity. The course is planned to be interactive in nature, comprised of lectures with open group discussions, lectures, and a smelter tour. IAE 2024 promotes the exchange of scientific and technological advancements in primary aluminum production to a worldwide audience.

Learning Objectives:

- To enable participants employed in aluminum smelting operations to enhance their smelters' performance with respect to changed management objectives
- To enable people employed in the external support services to understand the importance of the quality controls required
- To update scientists and students at universities and research centers
- To give information to individuals interested in primary aluminum production

Course Topics:

The program includes but is not limited to the following topics:

- The Science Behind Extracting Metals from Their Ores
- The Cell
- Electrochemical Science Influencing Productivity
- Energy Efficiency and Fluoride Emissions
- Decarbonization - The Road to 2050

Learn more at www.tms.org/IAE2024

Course Organizers and Instructors:

Gudrun Saevarsdottir, *Lead Instructor*, Reykjavik University

Alexander Arkhipov, Emirates Global Aluminium

Mark Dorreen, CSIRO

Halvor Kvande, formerly Norsk Hydro and NTNU

Pablo Navarro, Emirates Global Aluminium

Stephen Lindsay, Alcoa/Hatch

Barry Welch, Welbank Consulting

IAE 2024 is a TMS Aluminum Course, sponsored by the TMS Aluminum Committee and the TMS Professional Development Committee.

PLANT TOUR

The IAE 2024 course will also feature a tour of the Tomago Aluminium Plant.



Register Online at
www.tms.org/IAE2024

SAVE WHEN YOU REGISTER AS A GROUP

Save 10% when you register a group of five or more at the same time. Contact Janel Show at jshow@tms.org for more information or to register.