TMS 2017

PROFESSIONAL DEVELOPMENT

February 26 – March 2, 2017 • San Diego, California, USA

BROADEN YOUR EXPERTISE:
REGISTER FOR A PROFESSIONAL DEVELOPMENT EVENT AT TMS2017

REFRACTORY LININGS USED IN ALUMINUM PRODUCTION WORKSHOP

SUNDAY, FEBRUARY 26, 2017 • 8:30 A.M. TO 4:30 P.M.

Instructors

Tor Grande, Norwegian University of Science and Engineering; **Eirik Hagen**, Hydro Aluminium; **Christian Schøning**, SINTEF Materials and Chemistry; **Egil Skybakmoen**, SINTEF Materials and Chemistry; **Asbjørn Solheim**, SINTEF Materials and Chemistry; and **Zhaohui Wang**, SINTEF Materials and Chemistry

Workshop Overview

The physical properties and the behavior of the refractory linings used in aluminum electrolysis cells and in anode baking furnaces are crucial for economic as well as environmental aspects of the aluminum production. This course will give an introduction to the physical and thermal properties of materials used in the industry, covering the different type of carbon cathode materials, refractories, and thermal insulating lining materials used in the aluminum industry. Chemical reactions causing the most important degradation mechanisms for the different materials will be covered, with focus on the lifetime of the pot lining and heat balance of the cells. Finally, industrial experiences with lining materials will be included.

Registration Fees

Register for this professional development event through the TMS 2017 Annual Meeting & Exhibition Registration Form.

	Through January 20, 2017	After January 20, 2017
Member	$525	$600
Nonmember	$575	$650
Student	$300	$350

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Sponsored by the TMS Light Metals Division (LMD) and Aluminum Committee

Learn more at: www.tms.org/TMS2017/Refract