

TMS 2018: Best Practices in Bauxite and Alumina Processing Course
Sunday, March 11, 2018 • 8:30 a.m. to 4:30 p.m.

Preliminary Agenda as of November 7, 2017

<u>Time</u>	<u>Topic</u>	<u>Instructor</u>	<u>General content</u>
08:30-09:00	General introduction	Linus Perander, Outotec	Aim of the course and outline of the modules. Presentation of speakers and a short intro from participants.
09:00-09:35	Non-metallurgical Grade Aluminas - Production and Uses	Suzette Taylor and Siva Soora, Almatris	Production pathways and uses of speciality aluminas (calcined speciality aluminas, aluminate cements, tabular aluminas etc.)
09:35-10:20	Bauxite Mining and Supply	Gerrit Vos, APEG-BC (Canada) and CREA-MG (Brazil)	Current situation and future prospects, Bauxite transportation and transport costs
10:20-10:30	<i>Break</i>	<i>All</i>	
10:30-11:30	Processing of Low-grade and Non-bauxitic Ores	Ting-an Zhang, Northeastern University and Yves Perret, Independent Consultant	Best practices and new developments in processing of low grade bauxites
11:30-12:00	Developments in Digestion and Evaporation	Alessio Scarsella, Outotec	New developments in digestion, evaporationless digestion, etc...
12:00-13:00	<i>Break and Lunch</i>	<i>All</i>	<i>Lunch (provided)</i>
13:00-13:45	Sustainability in Alumina Refinery Design	Peter-Hans ter Weer, TWS Services and Advice	Sustainability in Alumina Refinery Design
13:45-14:30	Bayer Process Residues	Markus Graefe, EGA	Best practices in bauxite residue handling and storage, Solutions for bauxite residue valorisation
14:30-14:45	<i>Break</i>	<i>All</i>	<i>Coffee</i>
14:45-15:30	Alumina Quality - Does it Matter?	Jim Metson, University of Auckland	What are the impacts of alumina quality on smelter operations, what are the associated costs for the smelter
15:30-16:30	Panel Discussion	All Instructors	Moderated discussion of topical themes between all speakers.