TMS2012
141st Annual Meeting & Exhibition

March 11 – 15, 2012 • Walt Disney World Swan & Dolphin Resort • Orlando, Florida

# Electrowinning and Electrorefining of Copper and Zinc

Sunday, March 11, 2012 • 8:30 a.m. – 4 p.m.

Member fee: **$475**
Late Member fee: **$550**
Nonmember fee: **$525**
Late Nonmember fee: **$600**

**Course Description and Objectives:**
This course will provide general fundamental information about electrochemical processing of metals that apply to a wide variety of metals. The attendees will learn about overvoltages, electrolyte composition, current density, current efficiency, power consumption, deposit smoothing, and many other factors that are relevant to industrial electrowinning and electrorefining. This course will provide more in-depth information about industrial electrowinning of copper and zinc, including commercial operating parameters, solution purification, power, and current issues. The short course will also include an overview of fundamentals and commercial practices for copper electrorefining.

**Who should attend:**
This course will provide valuable information for those working in copper and zinc electrowinning operations as well as those in the copper electrorefining industry.

**Instructors:**
***Edouard Asselin***
University of British Columbia

***Georges Houlachi***
Hydro-Quebec

***Michael S. Moats***
University of Utah