



第12回 GMSI国際ナショナルレクチャー

Professor Jan Rosenkranz
Lulea University of Technology

Professor Marco J. Castaldi
The City College of City Univ. of New York

Dr. Hossein Aminian
FiMatCon

日時: 平成25年11月22日(金) 16:40~18:40
会場: 東京大学工学部 2号館 3階 31A会議室

1. Sustainable Processing of Mineral Resources

The lecture will review some of the recent challenges in the sustainable processing of primary mineral resources and discuss the technical prospects for meeting these challenges. Examples for ongoing geometallurgical research and education as pursued at Lulea University of Technology will also be presented.



2. Environmentally Benign Energy Technology Development

This presentation will highlight results from current research in the Combustion and Catalysis Laboratories. It will focus on chemical kinetic and mechanistic investigations of the thermal and catalytic conversion of carbon compounds. Preliminary results will also be presented on a new analytical apparatus developed to probe the intrinsic kinetic processes of industrially used catalytic reactors at practical operating conditions.



3. Spherical cobalt and nickel powders for hard metal and electronic applications

This presentation will provide an overview of the current and improved processes to produce spherical nickel and cobalt powders. The application of cobalt powder in hard tool industry and nickel powder in electronic industry will also be discussed.

