

AUTOMATIC CONTROL FOR SUSTAINABLE DEVELOPMENT



MMM2013

15th IFAC Symposium

FLOGEN
STAR OUTREACH

Control, Optimization and Automation in Mining, Mineral & Metal Processing

Mining: underground and surface operations

Mineral Processing:

Separation, flotation, crushing, grinding, enrichment etc.

Non-ferrous metal extraction and processing

Pyrometallurgy: smelting, converting, refining, casting

Hydrometallurgy: aqueous extraction and processing

Electrochemistry: extraction, processing and refining

Iron and Steel

Iron ore preparation, flotation etc.

Iron making (Sintering, Pelletizing, Coking, Blast furnace, DRI)

Steel making (BOF, Ladle, etc.) and continuous casting

Hot/cold rolling, forming of metal and metallic materials,

Casting, forging, welding, galvanizing, annealing

Heat Treatment of Metals

Case hardening engineering, Solid State processing

Metal Recycling

Reactor and Environmental Control

Waste treatment

Urban wastes, Water, Dusts

Power Generation

Reactors, Environmental Control

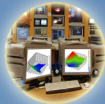
SHORT COURSES: NEW

Truck Dispatching in Open-pit Mining: A Decision Making Application

By Prof. Guilherme Sousa Bastos

Computer Aided Case Hardening Engineering

By Prof. Dr. habil. Jurgen Gegner



Invitation to Participate

Abstract deadline: **2013-01-16** **NEW**

Website: www.flogen.org/MMM2013

25-28 August 2013, Hyatt Regency

Mission Bay Spa & Marina

San Diego, California, USA



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