

# IFACMMM2010

The 13<sup>th</sup> Symposium on Automation in Mining, Mineral and Metal Processing  
2-4 August 2010, Cape Town



UNIVERSITEIT  
STELLENBOSCH  
UNIVERSITY



## PARTICIPANTS

Stellenbosch University is pleased to invite practitioners, executives, professionals academics, researchers, consultants and vendors of automation products to participate in the 13<sup>th</sup> IFAC Symposium on Automation in Mining, Mineral and Metal Processing – IFAC MMM 2010, to be held 2-4 August 2010 at the The Radisson Blu Hotel Waterfront, Cape Town, South Africa. The Symposium is sponsored by the IFAC Technical Committee Mining, Mineral and Metal Processing (TC 6.2).

## OBJECTIVES

The IFAC Symposium on Automation in Mining, Mineral and Metal Processing provides a forum where control, mining, mineral processing, extractive metallurgy, smelter, refinery and metal processing professionals and researchers may meet to review state-of-the-art automation technologies in the field. The objectives of the Symposium are:

- To promote the exchange of knowledge and experience among practitioners and researchers related to automation in the mining, mineral and metal industries.
- To identify the best practices, methodologies and technologies used in automation of the mining, metallurgy and metal processes.
- To promote development of an international interdisciplinary network among professionals interested in automation in mining, mineral and metal processing.

## AREAS OF INTEREST

The Symposium will include developments and innovations in automation related to the mining, mineral and metal industry. This will include among other:

- Measurement and instrumentation
- Data mining and multivariate statistical analysis
- Fault diagnosis and process monitoring
- Process modelling, control and optimisation
- Artificial intelligence and machine learning systems
- Advanced process control
- Robotics, mechatronics and teleoperation
- Data reconciliation and metallurgical accounting
- Maintenance scheduling and product planning

## Second Announcement and Call for Papers



## APPLICATIONS

- Mine unit operations
- Mineral processing
- Pyrometallurgy
- Blast furnaces and smelters
- Electrorefining
- Steel making and continuous casting
- Hot/cold rolling
- Environmental recycling
- Liquid and solid waste treatment
- Forming of metal and metallic materials
- Hydrometallurgy

## PAPER SUBMISSION

Interested professionals are invited to submit a paper, in English, by March 15, 2010 to <http://ifac.papercept.net>. Industrial applications may be presented using a two-page long extended abstract, and at least one of the authors has to be from the industrial sector. Papers must be in PDF format, and should include a title of no more than 100 characters, author's full name, position, company, business address, city, country, telephone numbers (optional) and e-mail. Papers will be peer reviewed and all those accepted will be considered for publication in the Workshop's proceedings. To be included in the proceedings, final papers in camera-ready form, for both industrial and regular papers are limited to 6 pages and have to fully comply with IFAC guidelines for authors published in <http://www.ifac-control.org/events/information-for-ifac-authors>. Also, a copyright transfer form must be signed by all authors and submitted no later than May 31, 2010, and at least one author has to be registered early. The copyright transfer form may be downloaded from the event website.

## DEADLINES 2010

Paper Submission	March 15, 2010
Notification of Acceptance	April 23, 2010
Submission of Camera Ready Papers	May 31, 2010
Submission of Copyrights	May 31, 2010
Early Registration	May 31, 2010

## VENUE

The Radisson Blu Hotel Waterfront, Cape Town is within walking distance from the world famous Victoria Et Alfred Waterfront, the shopping and entertainment hub of the city and in close proximity to Cape Towns' major tourist attractions, beautiful beaches, golf courses and the Winelands.

## CONTACT DETAILS

IFACMMM 2010 Secretariat  
Department of Process Engineering  
University of Stellenbosch  
Private Bag X1, Matieland, 7602  
South Africa  
Tel: +27 21 808 4712 Fax: +27 21 808 2059  
info@ifacmmm2010.com  
www.ifacmmm2010.com

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