



ICMINT 2018, Cape Town—Feb. 10-13, 2018

February 10-13, 2018

Cape Town Lodge Hotel, Cape Town, South Africa

Address: 101 Buitengracht Street, Cape Town, 8001, South Africa

ICMINT 2018

2018 IEEE 9th International Conference on Mechanical and Intelligent Manufacturing Technologies

CONFERENCE PROGRAM

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Instructions

Registration Guide:

Arrive at the Conference Venue→Inform the conference staff of your paper ID→Sign your name on the Participants List→Check your conference materials.

Checklist:

1 receipt, 1 name card, 1 conference abstract, 1 lunch coupon, 1 dinner coupon, 1 computer bag, 1 USB stick (soft copy of conference proceedings).

Devices Provided by the Conference Organizer:

Laptops (with MS-Office & Adobe Reader)

Projectors & Screen

Laser Sticks

Materials Provided by the Presenters:

PowerPoint or PDF files

Duration of each Presentation (Tentatively):

Regular Oral Session: 15 Minutes of Presentation including 2-3 Minutes of Q&A

Notice:

*Certificate of Listener can be collected in the registration counter.

*Certificate of Presentation can be collected from the session chair after each session.

*The organizer will not provide accommodation, so we suggest you make an early reservation.

*One best presentation will be selected from each session. The best one will be announced when each session ends, and will be awarded by the session chair after each session in the meeting room.

Contact:

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Agenda Overview

Saturday, Feb. 10, 2018

10:00-17:00 **Registration Open and Conference Materials Collection at-5F**

Sunday, Feb. 11, 2018

Meeting Room New York-5F

Opening Remark

09:00-09:05 **Prof. Ramesh Kuppuswamy, University of Cape Town, South Africa**

Speaker I

Prof. Raid Al-Aomar, Abu Dhabi University, UAE

09:05-09:45 *Speech Title: Internet of Things (IoT) for Enabling Supply Chain Management*

Speaker II

Prof. Samir Mekid, King Fahd University of Petroleum and Minerals, Saudi Arabia

09:45-10:25 *Speech Title: Value Analysis Value Engineering in Design Decision-Making and Impact on Manufacturing Cost Reduction with Industrial Examples*

10:25-10:40 ***Coffee Break***

Speaker III

Prof. Ramesh Kuppuswamy, University of Cape Town, South Africa

10:40-11:20 *Speech Title: Use of Speed + Nano-meter to evolve Advanced Manufacturing Solutions*

Speaker IV

Prof. Khaled Abou-El-Hossein, Nelson Mandela Metropolitan University, South Africa

11:20-12:00 *Speech Title: Ultra-High Precision Machining of Optical Mould Inserts*

12:00-12:10 ***Group Photo***

12:10-13:30 ***Lunch at restaurant- 5F***



13:30-14:00 **Speaker V**
Dr. Mardé Helbig, University of Pretoria, South Africa
Speech Title: Dynamic Multi-Objective Optimization: Applications, Issues and Future Directions

Parallel Sessions

14:00—15:30 **Session 1: Material Design and Performance Evaluation**
(New York Room-5F)

14:00—15:30 **Session 2: Robot Design and Image Processing**
(Wall Street Room-5F)

15:30—16:00 *Coffee Break*

16:00—17:45 **Session 3: Industrial Automation and Manufacturing Systems**
(New York Room-5F)

16:00—17:00 **Session 4: Modern Information Theory and Technology**
(Wall Street Room-5F)

18:00—20:00 *Dinner at Restaurant (1F)*

Monday, Feb. 12, 2018

Academic Visiting—University of Cape Town

Visiting the Campus and the Mechanical Engineering Department.

Tuesday, Feb. 13, 2018

One-Day Tour in Cape Town

Main Attractions: Beach, Twelve Apostles, Cape of Good Hope, Cape Penguins, Seal Island.