

CORRESPONDENCE ADDRESS

Conference Secretariat:

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For further information please contact:

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OFFICIAL LANGUAGE

English will be the official language of the Conference

LOCAL ORGANISING COMMITTEE

Chairman: Prof. James Swart
Member: Prof. Yali Woyessa
Technical coordinator: Mr. Rangith Kuriakose
Program coordinator: Dr. Nicolaas Luwes
Liaison coordinator: Ms. Cameron Greyling
Member: Mrs. Lienie Olwagen

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Prof. Kailash Bafna	Western Michigan University, Kalamazoo, Michigan, USA.
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Prof. Celestine A. Ntuen	North Carolina A&T State University, Greensboro, North Carolina USA.
Prof. J. O. Uhomobhi	Ulster University, Northern Ireland, UK.
Dr. Pamela McCauley Bush	University of Central Florida, Orlando, USA

1ST CALL FOR PAPERS



Central University of
Technology, Free State



6TH AFRICAN ENGINEERING EDUCATION
ASSOCIATION INTERNATIONAL
CONFERENCE (AEEA2016)

Theme:
**Challenges of Engineering
Education in the 21st Century:
Creating Sustainable
Solutions**

An invitation to submit full papers for review
and attend the Conference
at

Central University of Technology, CUT Bloemfontein
Main Campus, Free State, South Africa

20th–22nd September 2016

Organized by:

AFRICAN ENGINEERING EDUCATION ASSOCIATION (AEEA)

in partnership with

Central University of Technology, FS
Main Campus, Bloemfontein, Free State, South Africa

Conference Website will be available from 2016:

<http://www.cut.ac.za/conferences-seminars-workshops/>

REGISTER YOUR INTEREST NOW!

OBJECTIVES OF THE CONFERENCE

This conference is to:

- Provide a unique opportunity for researchers and graduate students to network and embrace intellectual development.
- Provide a forum for educators, professional organizations and industry leaders to discuss common problems in engineering education.
- Examine approaches to teaching, learning and curriculum structures that would advance engineering education in resource-constrained environments.
- Foster exchange of information, links, and collaboration between member nations on the one hand and the rest of the world on the other hand.
- Address issues relating to challenges in engineering education globally.
- Workshops are to be mounted to transfer skills to the participants.

SCOPE OF THE CONFERENCE AND WORKSHOP

The scope of the conference will be broad, covering all aspects of engineering education, while the workshops will focus on development of academic staff and institutions. The increased level of globalization of engineering education has provided academic institutions with new opportunities for cooperation in the international arena by building new and expanding existing, regional and global networks for engineering education. The conference contributions will focus on the following three sub-themes:

1. GENERAL ISSUES IN ENGINEERING EDUCATION

- Assessment of engineering education
- Sustainable curriculum design
- Effective methods of training engineering personnel
- Innovations in engineering education
- ICT in engineering education
- Education and industrial training
- Engineering education for sustainable development
- New paradigms in engineering education
- Funding of engineering education
- Project or problem based learning - (Case studies)
- E-learning challenges and possible solutions
- Infrastructures for engineering education
- Scholarship of teaching and learning

2. ACADEMIA/INDUSTRY COLLABORATION IN ENGINEERING EDUCATION

- Industry requirements of engineering education
- Social and philosophical aspects of engineering education and its impacts on the society
- Academia/industry interaction programs
- Management of engineering education in tertiary institutions

3. INTERNATIONAL COLLABORATION IN ENGINEERING EDUCATION

- Transfer and sharing of experience in engineering education
- Recognition of foreign qualifications
- Accreditation systems for engineering programmes
- International mobility of academic staff and students
- Technology linkage between developed and developing countries
- Regional collaboration in engineering manpower development
- Impact of globalization on engineering education in developing countries

It is anticipated that the proposed papers will present findings describing the effectiveness of new approaches to engineering education and industrial training. The implementation of special programs, methods and modern approaches to engineering education and industrial training are of particular relevance to the conference.

CALL FOR FULL PAPERS

Prospective authors are invited to submit full papers of less than 5000 words using a double column format (10 Font Size, Times New Roman, IEEE referencing standard) to the Chairman of the AEEA2016 Organizing Committee using the following email address: aaaa2016@cut.ac.za

Full papers must be submitted in WORD format to facilitate the blind-review process.

Intending Authors should note the following deadlines:

Full paper submission:	15 February, 2016
Reviewer feedback:	15 April, 2016
Early bird registration:	30 May, 2016
Final paper submission:	6 June, 2016

Updates on the conference can be viewed on the conference website during 2016.

REGISTRATION

The registration fees are as follows:

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|----------------------------------|-------|
| • Early-bird fee (30 May 2016) | \$230 |
| • Author fee (30 May 2016) | \$230 |
| • Student fee (30 May 2016) | \$100 |
| • Normal fee (after 1 June 2016) | \$300 |

This will cover the cost of the conference proceedings, welcome reception and attendance at the conference dinner. Early registration is encouraged. Only papers of Authors who have registered will be published in the conference proceedings.

THE VENUE:

The Conference will be held at the Main Campus of the Central University of Technology, Bloemfontein, Free State, South Africa.

ACCOMMODATION

Accommodation can be secured from the listed places for participants that desire to be accommodated within or around the University. A list of these places will be placed on the conference website during 2016.



A view of Bloemfontein at night, from Naval Hill, where a number of wildlife animals may be seen



Table Mountain, in Cape Town, is only some 1000 km to the south of Bloemfontein