

Proposal to Host iNeer ICIT ICEE Conference 2013/2014



Conference Name:	iNeer ICIT/ICEE Cape Town 2013/4				
Location:	Cape Town, South Africa				
Proposed dates:	7 – 21 December 2013	Or	March 2014	Or	September 2014
Conference Chairs:	Prof Bennett Alexander HEICTA President (Principal Contact) alexanderB@cput.ac.za +27 21 460 3780 +27 82 200 6763	Prof Anthony Staak Deputy Vice Chancellor: Academic, CPUT staakA@cput.ac.za	Dr Chris Nhlapo Deputy Vice Chancellor: Research, Technology Innovation and Partnerships, CPUT nhlapoC@cput.ac.za		

Members of the Local Steering Committee

Tom van Breda, Head: Department of Electrical Engineering, CPUT

Dr Wilfred Fritz, Senior Lecturer: Department of Electrical Engineering, CPUT

Deon Kallis, Senior Lecturer: Department of Electrical Engineering, CPUT

Rosetta Ziegler, Senior Lecturer: Department of Mechanical Engineering

Ilyas Omar, Lecturer: Department of Mechanical Engineering

The Executive Committee of HEICTA



Aerial photograph: Greenpoint Soccer Stadium, Table Mountain – source: www.capeintern.com

Conference Themes

Technology for Sustainable Development	Technology Education	Engineering, Design and Technology
<ul style="list-style-type: none"> ✚ University-community Engagement ✚ Social Media and Development ✚ Efficacy of FOSS Deployment ✚ Indigenous Knowledge Systems ✚ Collaboration and Service Innovation ✚ Development Services and Infrastructure ✚ ICT4D Research and Practice ✚ Best Practices in Service Learning 	<ul style="list-style-type: none"> ✚ Innovations in e-Learning ✚ Best Practices in Multimedia-based Education ✚ Technology-moderated Training Approaches ✚ Social Impact of Technology-driven Education ✚ International Cooperation in ICT and/or Engineering Education ✚ Engineering Education in the Information Age ✚ Modes and Methods in ICT and/or Engineering Education 	<ul style="list-style-type: none"> ✚ Mechatronics ✚ Embedded Systems ✚ Telecommunications ✚ Design in ICT and/or Engineering Practice ✚ Innovative ICT and/or Engineering Approaches ✚ The Efficacy of Engineering, Design and Technology Projects ✚ Agile Methods in Competitive Systems Development ✚ Engineering, Design and Technology for Developing Countries

Please note: The conference themes are subject to change as informed by future planning processes.

	Day 1 Sunday	Day 2 Monday	Day 3 Tuesday	Day 4 Wednesday	Day 5 Thursday	
<div>Pre-conference:</div> <div>Academic Research Exchange Programmes</div> <div>Tourism Opportunity</div>	Admin	Registration	Registration	Registration	Registration	<div>Post-conference:</div> <div>Collaborative Projects</div> <div>Tourism Opportunity</div>
	iNeer Board HEICTA Board Meetings	Opening Ceremony	Plenary 2	Plenary 3	Plenary 4	
		Plenary 1	Parallel Sessions	Parallel Sessions	Closing Ceremony	
	Lunch	Lunch	Lunch	Lunch	Lunch	
	Steering Comittee/ Session Chairs Meeting	Parallel Sessions	Parallel Sessions	Parallel Sessions	Special iNeer Board HEICTA Board Meetings	
	Welcome Dinner: Two Oceans Aquarium Predator Room	Parallel Sessions	Parallel Sessions	Parallel Sessions		
		Sponsors Event: CPUT Cape Town Hotel School	Themed Gala Event: Moyo at Spier, Stellenbosch	Closing Social Event: “Local is Lekka” At CPUT		

Please note: The conference themes are subject to change as informed by future planning processes.

Target Audience

Cape Town



South Africa



Africa



The World



30

40

130

The steering committee intends to host a truly international conference. It is envisaged that the majority of the delegates will derive from Cape Town and South Africa. It is imperative, however, that at least 35% of the delegates derive from outside South Africa

Conference
Venue:

Cape Peninsula University of Technology Cape Town Campus

Preferred Venue:

- 200 seat ABSA Auditorium - Faculty of Business on the Cape Town campus
- 2 x 120 seat breakaway conference venues immediately adjacent to the ABSA Auditorium
- Foyer area easily accommodates 200+ delegates for meals
- Administration and ablutions also integrated



Journal

Journal of Engineering, Design and Technology (JEDT)

The steering committee wishes to propose that papers be published in a not-for-subsidy Conference Proceedings CD. The best papers are then submitted to JEDT for further peer review and publication in a special iNeer ICIT 2013/4 issue.

JEDT is a recognised publication for subsidy purposes. The editor of JEDT is a former staff member of CPUT.



JEDT publishes:

- Fully refereed papers on practice and progress in the field
- In-depth case research papers, reviews of projects and case studies
- Discussion on research, innovation and education policies and strategies

This multidisciplinary journal is published under the guidance of an expert international board and presents fully refereed papers on practice and progress in the field.

The journal is internationally acknowledged for its relevance and linkages with industry and academia.

Note: JEDT has not yet been approached by the steering committee.

<http://www.emeraldinsight.com/products/journals/journals.htm?id=JEDT>

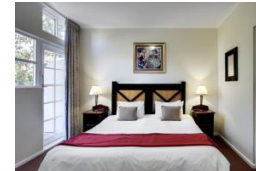
Accommodation (Basic)

Best Western Cape Suites Hotel

The Best Western is nestled at the foot of Table Mountain, with views of the Cape Town city skyline and Table Bay. It is a fully secured village style hotel with a 3 star self catering facility in each suite.

www.capesuites.co.za

- ✓ 123 suites, comprising - studios, one-, two- and three-bedrooms.
- ✓ Serviced by 2 bars, 2 restaurants, 2 swimming-pools and conference facilities.



Accommodation (Upmarket)

The Table Bay

Conveniently positioned in the V&A Waterfront against the stunning backdrop of the working harbour, Table Mountain and the Atlantic Ocean; the Table Bay Hotel provides an experience like no other; whether you are visiting for business or pleasure.

As one of the top hotels in Cape Town, the Table Bay Hotel offers 5-star luxury that is completely affordable for couples and families.



[www.suninternational.com/Destinations/Hotels/
TableBay/Pages/Home.aspx](http://www.suninternational.com/Destinations/Hotels/TableBay/Pages/Home.aspx)

Co - host

Higher Education ICT Association

The Higher Education ICT Association (HEICTA) is a consortium of Universities of Technology and Comprehensive Universities, in collaboration with broad representation from the national ICT industry.

www.heicta.org.za



HEICTA is an organisation for:

- **promoting excellence in ICT education**
- **promoting access to ICT education**
- **broadening the participation in the national ICT economy, and**
- **enhancing the competitiveness of the South African ICT sector within the global ICT economy**

HEICTA draws its membership mainly from the University of Technology and Comprehensive University sectors for historical reasons.

The current members of HEICTA are:

Cape Peninsula University of Technology (CPUT), Central University of Technology (CUT), Durban University of Technology (DUT), Mangosuthu University of Technology (MUT), Nelson Mandela Metropolitan University (NMMU), University of South Africa (UNISA), University of Johannesburg (UJ), University of Venda (Univen), Vaal University of Technology (VUT), Walter Sisulu University (WSU)

Co - host

Cape Higher Education Consortium

The Cape Higher Education Consortium (CHEC) represents four tertiary education institutions in the Western Cape of South Africa, namely - Cape Peninsula University of Technology, Stellenbosch University, University of Cape Town and University of the Western Cape.

www.chec.ac.za/index.html



CHEC incorporates several long-standing projects, communities of practice and a management development programme. It tackles many other issues that affect all of its members, as they arise. CHEC has developed an interest in triple helix relationships (academia, government and business) and the role of higher education in regional development. It has also been drawn into various initiatives to promote innovation and entrepreneurship in the region.

Co – host

Cape Peninsula University of Technology

The Cape Peninsula University of Technology (CPUT) - largest university in the Western Cape province of SA.

33,000 students across 6 faculties : Engineering, Informatics & Design, Applied Sciences, Business, Education and Social Sciences, and Health and Wellness Sciences

One of four Universities in the greater Cape Town region

The only University of Technology in the region

Member of the Cape Higher Education Consortium (CHEC)

www.cput.ac.za

CPUT has five campuses:

The Bellville Campus, The Cape Town Campus,
The Mowbray Campus, The Granger Bay Campus
(Cape Town Hotel School and the Survival Centre)
The Wellington Campus

The Cape Town Campus is built on a portion of District Six



Co - host



UoTs Offers mainly advanced technical and professional programmes geared towards meeting the high-level human resource needs of the economy

Strong Technology Bias:

Programme Mix Target

- ✎ 50% Science, Engineering and Technology
- ✎ 30% Business
- ✎ 20% Humanities

Strong Career Orientation:

Work Integrated Learning is a structured, credit bearing component of all programs

- ✎ work place learning (experiential learning)
- ✎ problem based learning
- ✎ project based learning

Co - host

Research Centres and Groups

Currently 5-7% enrolment in postgraduate programmes (M and D)
mainly in the following research centres:

- Advanced Manufacturing Technology Group
- Flow Process Research Centre
- Centre for Substation Automation Research



- Centre for Instrumentation Research
- Antioxidant Research Group
- Functional Foods Research Unit
- Community Water Supply and Sanitation Unit
- Work Integrated Learning Research Unit
- Satellite Engineering Research Group
- Biotechnology and Technical Biology Research Centre

Co - host

Research Centres and Groups continued...

- Centre for Instrumentation Research
- South African Built Environment Research Centre
- Centre for Tourism Research in Africa
- Separations Technology Research Group
- Energy Technology Unit
- Centre for Environmental and Occupational Health Research



Tourism:

Kirstenbosch - The most beautiful garden in Africa...

Kirstenbosch National Botanical Garden is acclaimed as one of the great botanic gardens of the world. Few gardens can match the sheer grandeur of the setting of Kirstenbosch, against the eastern slopes of Cape Town's Table Mountain.

www.sanbi.org/gardens/kirstenbosch

SANBI
Biodiversity for Life

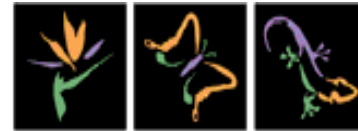


Table Mountain Aerial Cableway

Table Mountain is one of South Africa's most famous landmarks, attracting thousands of visitors each year. This is a massive benefit to the local economy as well as the communities of Cape Town.

Table Mountain is proud to be one of the official New7Wonders of Nature. Competing against major international attractions, Table Mountain made it to the top seven after a campaign that attracted more than 100-million global votes.

<http://tablemountain.net/>



Tourism:

Cape Point

At the tip of the Cape Peninsula 60 km south-west of Cape Town, lies Cape Point, a nature reserve within the Table Mountain National Park; a declared Natural World Heritage Site.

www.capepoint.co.za/index.htm



Robben Island Museum

South Africa's first democratically elected president - Nelson Rolihlahla Mandela, was imprisoned at Robben Island for 27 years.

Robben Island has not only been used as a prison. It was a training and defence station in World War II (1939-1945) and a hospital for people with leprosy, and the mentally and chronically ill (1846-1931)...

www.robben-island.org.za



Tourism:

Constantia Valley

Located at the centre of the Cape Peninsula, only minutes from the centre of town, Constantia Valley is Cape Town's secret rural retreat and the perfect place to escape, away from the hustle and bustle of city-life.

We use the name Constantia Valley in the broader sense, being the Valley stretching from the Wynberg hill in the north to the Silvermine mountains (the Tokai area) in the south.

www.constantiavalley.com

1685
CONSTANTIA VALLEY
Cape Town's Vineyard



Wine Tours / Unique Dining Experiences

Cape Town and surrounds boasts many established and recognise wine-producing farms. Tours are arranged daily by many operators.

Many unique traditional dining experiences are on offer throughout the city and areas close by...

www.winelands.co.za/wine-tours

<http://wheretoeat.cityguidesa.com>

www.sa-venues.com/things-to-do/westerncape/?province=westerncape



Conferences hosted recently...

- **International Conference on Engineering and Business Education: Nov 2011**
- **2011 International Golden Jubilee Conference of the English Academy of South Africa: Sept 2011**
- **Domestic use of Energy Conference: April 2012**
- **Industrial and Commercial Use of Energy Conference: August 2012**
- **34th IATUL Conference: April 2013 (International Association of Scientific and Technological University Libraries)**
- **CISCO Conference: June 2012 (Middle East Africa Regional Conference)**
- **Joint International Conference for Science and Technology for Africa: June 2012**
- **Design, Development and Research Conference: Sept 2011.**
- **WTF Media Conference: Oct 2010**
- **South African Conference on Multigrade Education: March 2010**
- **SAALA (South African Academic Literacy Association) Conference: Sept 2009**
- **ACU (Association of Commonwealth Universities) Conference (co-hosted with CHEC) April 2010**
- **6th SACAM (South Africa Conference on Applied Mathematics) Conference: March 2008**
- **Higher Education Summit of the DHET (Dept of Higher Education): April 2010**

Thank You

