

Towards Professional Quality

21-24 October, Johannesburg, SA

*Strengthening Professional
Associations for Biomedical
Engineering Professionals*





Welcome

From 21-24 October THET is organising a workshop to Strengthen Professional Associations for Biomedical Engineering Professionals. To ensure all participants and facilitators are well prepared, we have created a small booklet with some basic information. You will find the programme, the list of participants and facilitators and practical information on South-Africa and our venue Glenburn Lodge.

We are excited to have so many African Societies together and we look forward to meeting in person.

THET

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Event Programme

	Wednesday 21Oct	Thursday 22Oct	Friday 23Oct	Saturday 24Oct
8:30-9:00	Welcome, registration, hand out delegate packages	recap Day 1 into Day 2	recap Day 2 into Day 3	recap Day 3 into Day 4
9:00-9:45	Introduction to workshop (THET)	WORKSHOP on HTM/standards by AAMI -Mary Logan	Presentations of needs assessment	WHO-Adriana Velazquez
9:45-10:00 break	Small game to see how many of the participants know each other	Questions/ short break		Questions/ short break
10:00-10:45	Introduction of participants	WORKSHOP on AFTH by CED /IFMBE - Mladen Poluta		Prioritising needs categories for future projects
10:45-11:15/COFFEE	COFFEE	COFFEE	COFFEE	COFFEE
11:15-12:00	Time to fill out Survey (set baseline)	Introduction of needs assessment and create groups	Success story of South African Society CEASA- Rob Dickinson	Proposal of potential projects
12:00-13:30/LUNCH	LUNCH	LUNCH	LUNCH	CLOSING CEREMONY (photo, certificate)
13:30-14:00/ACTION	ACTION	ACTION	ACTION	
14:00-14:45	WORKSHOP on Continuous Professional Development by Baset Khalaf	Needs assessment break out sessions	Break out sessions on needs categories	
15:00-15:45				
15:45-16:15/TEA	TEA	TEA	TEA	
16:15-17:00	Discuss survey results and present link to the programme	Needs assessment break out sessions	WORKSHOP on society finances by CEASA treasurer- Paolo Boschetti	
17:00-18:00	Social time	Social time	Social time	
19:00-22:00	DINNER	Dinner + prepare presentations		

Guest Speakers

Abdelaset Khalaf



Baset is senior lecturer at the Clinical Engineering Department of Tschwame University of Technology in Pretoria. Baset will host a workshop on the importance of CPD within an association structure and where to start with CPD.

Baset will be present from Wednesday to Friday.

Mary Logan



Mary is the president and CEO of the US Association for the Advancement of Medical Instrumentation (AAMI) whose mission is to support the health care community in the development, management and use of safe and effective healthcare technology. Mary will lead a workshop on global standards for medical devices and work processes that relate to medical

devices. She will emphasize how global standards can support the goals of national regulators, improve safety, and build trust in the use of medical devices to support effective patient care and better patient outcomes. She also will provide guidance on how local biomedical equipment technicians and engineers can help lead the way for the use of standards for medical devices and medical device processes. Ms. Logan will engage attendees in a discussion that addresses practical questions about how to take back home what they have learned to build consensus on the value of standards.

Mary will be present from Wednesday to Saturday.

Mladen Poluta



Mladen is director of the Healthcare Technology Management Programme at the University of Cape town, and a dedicated Member of the Clinical Engineering Division (CED) of the International Federation of Medical and Biological Engineers (IFMBE). Mladen will be presenting the story of the African Federation of Technology in Healthcare.

Mladen will be present from Wednesday till Saturday

Rob Dickinson



Rob is Independent BMET, CE and HTM consultant and council member/web-master of the Clinical Engineering Association of South Africa.

Rob will host an interactive workshop in which he will explain exactly how CEASA is structured and works and to explain to the delegates why and how CEASA has been successful as an association. CEASA's website will be the main tool in the workshop.

Rob will be present on Friday

Paolo Boschetti



Paolo is Service and Country Quality Manager for Dräger in South Africa and the National Treasurer of the Clinical Engineering Association of South Africa (CEASA). Paolo is Italian South African and will host a workshop on how CEASA is set up and how the finances are controlled and managed. He will also talk about the challenges they have (had) and how they managed to get where they are.

This will be done in an open discussion session where we can be interactive and share best practices and ideas.

Paolo will be present on Friday

Adriana Velazquez



Adriana is the Coordinator Diagnostic Imaging and Medical Devices of the World Health Organisation in Switzerland and will attend the workshop to encourage the African BME associations in their important role in the development of the clinical engineering profession. Adriana will share the publications and information that the WHO provides online, so that participants know what is happening and that they can make full use of the available resources.

Adriana will be present on Friday afternoon and Sa

Who is Attending?

Country	Organisation	Delegate	Role	Email
Benin	Association des Technologue en Génie Biomédical du Bénin ATGBB	LALEYE ROLAND	President	olohounto@Yahoo.fr
Burkina Faso	l'Association Burkinabè des Techniciens et Ingénieurs Biomédicaux (ABTIB)	Didace Saturnin FORO	Président	saturnin_foro@yahoo.fr
Burundi	ABIB (Association Burundaise de l'Ingénierie Biomédicale et hospitalière)	Guy Claude NKUNDABAHIZI	Représentant Légal	guyclauddeb@yahoo.com
Cameroon	Cameroonian Association of professional Biomedical Engineering CAP -BME	André Mboulé	Rresident	mboulea@gmail.com
Ivory Coast	Syndicat National des Biomédicaux de Côte d'Ivoire (SYNABIOCI)	Maxime N'Dolly Kouakou	Secrétaire	kouakoumaxime_irf@yahoo.fr
DRC	Association des Ingénieurs et Techniciens Biomédicaux	Prince Verhoustraeten	Vice Président	mumpafamily@yahoo.fr
Ethiopia	Ethiopian Bio-medical Engineering Society	Gizeaddis Lamesgin ; Serkalem Damenu	Executive committeemem ber Finance Administrator	1time.et@gmail.com ; serke24@yahoo.com
The Gambia	Gambia Biomedical Engineering Technologists Association-GAMbeta	Nyassi Ebrima	Chairman	enyassi@mrc.gm

Ghana	Ghana Society of Biomedical Engineers	George Boadu	General Secretary	geeboadu@yahoo.com
Kenya	AMEK Association of Medical Engineering of Kenya	Salome Wangari Mwaura	Treasurer	salome2mwaura@yahoo.co.uk
Nigeria	Nigerian Institute for BioMedical Engineering	Dr Kenneth I. Nkuma-Udah	President	drkinkumaudah@yahoo.com
Rwanda	Rwanda Medical Engineering Association (RMEA)	Patrick Higiroy	Assistant Coordinator	higiroy@gmail.com
South Africa	Clinical Engineering Association South Africa CEASA*	Rob Dickinson Paolo Boschetti	Council Member Webmaster; National Treasurer	fairmed@mweb.co.za Paolo.Boschetti@draeger.com
Tanzania	Association of Medical Engineers and Technicians Tanzania (AMETT)	Valentino Thomas Mvanga	President	vmvanga@yahoo.com
Uganda	Uganda National Association for Medical and Hospital Engineering (UNAMHE)	Sam Byamukama	Hon. Secretary	sbyamukama@gmail.com
Zambia	Biomedical Engineering Association Zambia	Emmanuel Musiwa	interim president	emusiwa@yahoo.com
	International Federation of Medical and Biological Engineering (IFMBE)	Mladen Poluta	Clinical Engineering Division Board member	mladen.poluta@uct.ac.za
UK	Tropical Health & Education Trust (THET)	Andrew Jones Edward Tonkin Anna Worm	Head of Partnerships Programme Manager Zambia BME consultant	Andrew@thet.org Edward.tonkin@thet.org Anna@worm.nl

USA	Association for the Advancement of Medical Instrumentation (AAMI)	Mary Logan	President	MLogan@aami.org
France	HUMATEM	Maurice Page	Membre du conseil d'administration	maurice-page@orange.fr
Switzerland	World Health Organisation (WHO)	Adriana Velazquez	Coordinator Diagnostic Imaging and Medical Devices	velazquezberumena@who.int
USA	GE Foundation	Asha Varghese	Director, Global Health at GE Foundation	asha.varghese@ge.com
South-Africa	Tshwane univeristy of Technology, dept Clinical Engineering	baset Khalaf	Senior Lecturer	khalafb@tut.ac.za
USA	Assist International	Ray Schmidt	Operations Vice President	rschmidt@assistinternational.org

Venue

GLENBURN LODGE
R374
Kromdraai Road
Muldersdrift

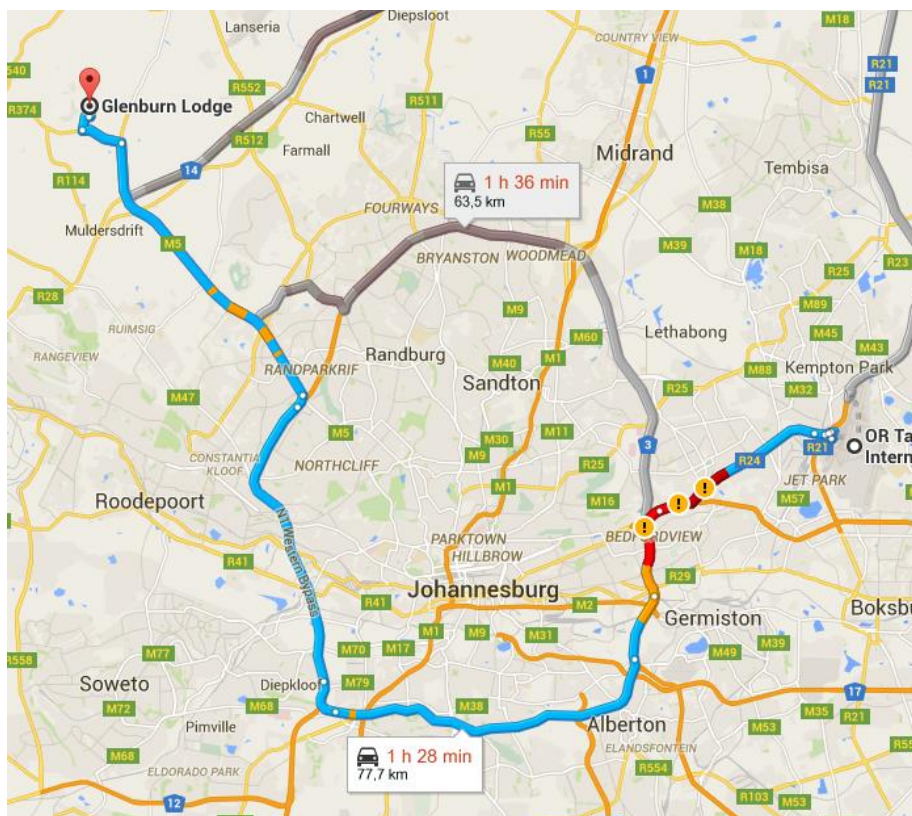
<http://glenburn.co.za>

Hotel Telephone: +27 (0)11 668 1600

Emergency cell phone number: 083 417 6819

In case of emergencies:

call Andrew Jones from THET on +44 7802152252



Shuttle Service

Midrand Shuttle Services +27 (0)82 574 1263

Shuttle Airport-Glenburn				
#	date	arrival time	flight #	name delegate
1	19/10/15	7.10	BA55	Andrew Jones
2	19/10/15	18.30	SA83	Anna Worm
		18.30	SA83	Prince Verhoustraeten
3	19/10/15	20.40	W3103	Ebrima Nyassi
4	20/10/15	01.00	KQ764	Roland Laleye
				André Mboule
5	20/10/15	9.25	SA189	Gizeaddis Simegn
6	20/10/15	11.45	KQ760	George Badu
		11.45	KQ760	Guy-Claude Nkundabahizi
		13.10	ET809	Didace Saturnin Foro
7	20/10/15	15.15	KQ762	Salome Mwaura
		15.20	SA63	Emmanuel Musiwa
		16.25	EK763	Maxime Kouakou
		16.30	EY604	Maurice Page
8	20/10/15	20.40	W3103	Kenneth Nkuma-Udah
9	20/10/15	22.35	WB100	Sam Byamukama
		22.35	WB100	Patrick Higirot

Shuttle Glenburn - Airport: departure Glenburn 3h before flight				
#	date	departure time	Flight #	name delegate
1	24/10/15	19.05	SA66	Emmanuel Musiwa
		19.15	EK764	Maxime Kouakou
		19.30	EY603	Maurice Page
		20.40	SA58	Prince Verhoustraeten
				André Mboule
2	24/10/15	23.15	W3104	Kenneth Nkuma-Udah
		23.15	W3104	Ebrima Nyassi
		23.20	ET848	Didace Foro
		23.20	ET848	Gizeaddis Simegn
3	25/10/15	01.50	KQ765	Salome Mwaura
		01.50	KQ765	George Badu
4	25/10/15	8.30	WB130	Anna Worm
		8.30	WB130	Patrick Higirot
		8.30	WB130	Sam Byamukama
5	25/10/15	16.20	KQ763	Guy-Claude Nkundabahizi
				Andrew Jones
				Roland Laleye

Preparation



The more the participants talk about the event, the way their association functions and the BME situation in their country before coming to Jo'burg the better. Talk to as many stakeholders as possible; think about private companies, people you know at the MoH and others.

We'd like to encourage everyone to come as informed as possible.

You don't need to bring anything along with you on the day, just a willingness to get involved!

Using laptops during the workshop will not be necessary.

Dress code: business casual.

The majority of the workshop will involve group work. This means discussions, exercises and challenges. Every group will be guided by a facilitator. All information will be transferred in both French and English.

Come well rested, and be prepared for some lively and engaging sessions.

South Africa – Tips



Currency: South African Rand
(ZAR – R) R10=£0.50=US\$1=€0.68
(August 2015 www.xe.com)

Time Zone: GMT +2

Voltage: 220/230 V; Plug M, AC
50Hz.



Driving - Keep left

Measurement: South Africa uses the Metric System where 1 Mile = 1, 6 Kilometers and 1 Pound = 0, 45 Kilograms.

Dialing Code: If you're dialing South Africa from another country then it's +00 27 followed by the unique number. E.g. +00 27 [0]21-468-4300 (drop the '0' in square brackets if dialing from outside South Africa, keep the '0' in square brackets if you're dialing inside South Africa but drop '+00 27').

Dialing Overseas from South Africa:

To phone overseas from South Africa, dial 00, followed by the country code and area code (if applicable), before dialing the phone number.

Mobile Networks: Vodacom, MTN, Cell C, 8ta, Virgin Mobile. Telkom is the fixed line provider (for directory enquiries dial 1023).

National Sports: Soccer, Cricket, Rugby.

Languages: South Africa has 11 official languages, though English is widely understood and spoken countrywide.

Safety & Security

Crime

South Africa has a very high level of crime. The risk of violent crime to visitors travelling to the main tourist destinations is generally low. The South African authorities give high priority to protecting tourists and tourism police are deployed in several large towns. Most cases of violent crime occur in the townships. Consult a reliable tour guide if you visit a township.

Incidents of vehicle hi-jacking and robbery are common, particularly after dark. Keep to main roads and park in well lit areas.

There are frequent incidents of car windows being broken and valuables taken while cars are waiting at junctions. Keep valuables out of sight.

Due to thefts at OR Tambo International Airport in Johannesburg, you should vacuum-wrap luggage where local regulations permit. Keep all valuables in your carry-on luggage.

Keep large amounts of money, expensive jewellery, cameras and phones out of sight. Don't change or withdraw large sums of money in busy public areas including foreign exchange facilities or ATMs. Thieves operate at international airports, and bus and railway stations. Keep your valuables safe and baggage with you at all times.

Don't give personal or financial account information details to

anyone. There are international fraud rings operating in South Africa, who may target visitors and charities.

Local Travel

There are particularly high levels of crime in the Berea and Hillbrow districts of Johannesburg and around the Rotunda bus terminus in the Central Business District.

Be particularly vigilant in Durban's city centre and beach front area.

Keep to main roads and avoid driving at night when visiting Northern KwaZulu Natal and Zululand, as there have been incidents of hi-jacking and robbery, particularly on isolated secondary roads.

Be vigilant on the approach roads to and from Kruger Park where there have been cases of car hijacking.

Avoid isolated beaches and picnic spots. Don't walk alone, especially in remote areas. Hikers should stick to popular trails. There have been violent attacks on hikers and tourists on Table Mountain. Take care in quieter areas of the Park, especially early in the morning or just before the park closes.

Call the police (on 10111 or on 112 from a mobile phone) at the first sign of danger.

Mobile phone reception is generally good in major towns and cities but can be intermittent in more remote spots.

Road Travel

You can drive using a UK Driving Licence for up to 12 months.

The standard of driving in South Africa can vary greatly and there are many fatal accidents every year.

On highways overtaking can occur in any lane including the hard shoulder. On single-lane roads the hard shoulder is also sometimes used by trucks and slower vehicles to allow faster vehicles to overtake. At quieter intersections, first vehicle to arrive sometimes has priority. On roundabouts, you should give way to the right, although this rule is often ignored.

Road standards are mostly very good, but some roads in remote areas are less well maintained and may have potholes. Drive cautiously, obey speed limits and avoid unfamiliar rural areas at night. Thieves have been known to employ various methods to make a vehicle stop (eg placing large stones in the middle of the road) enabling them to rob the occupants. Park in well-lit areas. Don't pick up strangers or stop to help apparently distressed motorists, as this is a technique sometimes used by hijackers. It's better to report any incident to the police.

(Safety and security ; UK Government travel advice (www.fco.gov.uk))

Resources

THET has produced a range of resources for bio-medical engineers and organisations working in the field.

They can all be found on our website www.thet.org

Here's a taste:

Making it work – A toolkit for medical equipment donations

Detailed, practical guidance for those wishing to donate medical equipment to hospitals and health clinics in developing countries.

<http://www.thet.org/resource-library/making-it-work-a-toolkit-for-medical-equipment-donations-1>

User care of medical equipment

This manual is intended to be a guide for the medical equipment user to carry out basic equipment care tasks.

<http://www.thet.org/resource-library/user-care-of-medical-equipment>

Assessing bio-med personnel & training needs

Case study looking at needs of bio-meds in Zambia.

<http://www.thet.org/health-partnership-scheme/resources/medicalequipment/biomedical-engineering-personnel-training-needs-in-zambia>