

IEEE South Africa Section Report October 2010**Officers:****Election Date:**

2009

Term End Date:

End of 2010 (ExCom)

ExCom:

Chairman: Saurabh Sinha
 Vice-Chairman/Chair-Elect: Jacques van WYK
 Past Chair: Nico Beute
 Secretary: Richardt Wilkinson
 Treasurer: Jonathan Page

Appointed members:

Awards & Recognitions: Duncan Baker
 Conference Coordinator: Gerhard Hancke
 Editor Section News: Saurabh Sinha
 Educational Activities: Excellent Sithole
 Membership Devt.: Saurabh Sinha
 Electronic Communications Coordinator (ECC): David Kyereahene-Mensah
 Electronic Communications Coordinator (ECC) (Deputy): Jaco du Preez
 Industry Relations / Standards Association: Louwrence Erasmus
 National/Sister Society Coordinator: Willem Cronje
 Nominations & Appointment Committee Chair: Nico Beute
 Professional Activities: Marie-Louise Barry
 Student Activities Coordinator / ISBIR: Seán Stevenson
 Student Representative: Daniel De Canha

Affinity Group Chairs:

Women In Engineering (WIE): Chioniso Dube
 GOLD Affinity Group (Northern Region): Keoikantse Marungwana
 GOLD Affinity Group (Southern Region): Richardt Wilkinson

Technical Chapter Chairs:

AES-10 (Joint Chapter: Aerospace and Electronic Systems & Geoscience and Remote Sensing): Meena Lysko
 C-16 (Computer): Barry Dwolatzky
 CIS-011 (Computational Intelligence): Andries Engelbrecht
 CS-23/RA-024 (Joint Chapter: Control Systems & Robotics and Automation): Fernando Camisani
 E-25 (Education): Nico Beute
 ED-15/LEO-36/CAS-004 (Joint Chapter: Electron Devices, Photonics & Circuits and Systems): Monuko Du Plessis
 SP-01/COM-19 (Joint Chapter: Signal Processing & Communications): Sunil Maharaj
 SMC-028 (Systems, man & cybernetics): Alta van der Merwe
 IE-13/IA-34/PEL-35 (Joint Chapter: Industrial Electronics, Industry Applications, and Power Electronics):
 Richardt Wilkinson
 PE-31 (Power & Energy): Pat Naidoo
 AP-03/MTT-17/EMC-027 (Joint Chapter: Antennas and Propagation, Microwave Theory and Techniques
 & Electromagnetic
 Compatibility): Riana Geschke
 IT-12 (Information Theory): Hendrik Ferreira
 Nanotechnology Council Chapter: Suprakas Ray
 Technology Management Council Chapter: Antonie de Klerk

Membership:

Membership Status	H	LF	F	LS	SM	LM	M	AM	GSM	Aff.	StM	Total Members
April 2010 report	1	1	3	2	45	2	481	13	171	38	163	920
Sept. 2010 report	1	1	3	2	63	2	722	26	99	26	118	1037

Date of above results by using SAMIIIIE: 12 Sept. 2010

17 key Meetings: (Since the last IEEE Region 8 meeting)

Date Event Title Speaker(s)
09 April 2010 03:00PM Committee meeting (2010/4): Teacher In-Service Programme (TISP) Expansion Dr Saurabh Sinha
13 April 2010 04:00PM Talk on Noise Characterisation for the SKA project
03 May 2010 08:00AM ACM/IEEE 32nd International Conference on Software Engineering - ICSE 2010 International Society Conference – Flagship Conference The Most Reverend Desmond Tutu
10 May 2010 08:00AM Hands-on workshop on MODTRAN/BRDF Dr Acharya
14 May 2010 03:00PM Committee meeting (2010/5): Teacher In-Service Programme (TISP) Expansion Dr Saurabh Sinha
23 May 2010 07:00AM International Communications Conference - ICC 2010 International Society Conference – Flagship Conference Honourable Minister Pandor, Minister of Science and Technology, Govt. of South Africa
04 June 2010 10:00AM IEEE Women in Engineering STAR day, Phateng Secondary School, South Africa
18 June 2010 03:00PM Committee meeting (2010/6): Teacher In-Service Programme (TISP) Expansion Dr Saurabh Sinha
17 July 2010 02:00PM IEEE Women in Engineering STAR Maths tutorial, Phateng Secondary School, South Africa
23 July 2010 03:00PM Improving discrimination of savanna tree species through a multiple endmember spectral-angle-mapper (SAM) approach Dr Moses Cho
29 July 2010 05:00PM MBA and Technology Management for Young Engineers and the UP IEEE SB Comsoc Chapter Launch Brett Kilpatrick "and Dr Siebert Benade
02 August 2010 08:00AM 2010 Information Security for South Africa (ISSA)
04 August 2010 09:00AM Workshop on hands-on ethical hacking and software security Francois Mouton
11 August 2010 04:00PM Talk by IEEE President 2010 Pedro Ray and IEEE PES President Alan C. Rotz

<p>Pedro Ray "and Alan Rotz</p> <p>18 August 2010 08:00AM A&A Senior Member Application Review Panel Prof. Gerhard Hancke</p> <p>06 September 2010 03:00PM Decision integration and Robot Navigation Research at Drexel University s Data Fusion Laboratory Prof. Moshe Kam</p> <p>08 September 2010 04:00PM Decision integration and Robot Navigation Research at Drexel University s Data Fusion Laboratory Prof. Moshe Kam</p> <p>09 September 2010 01:15PM Decision Integration and Robot Navigation Research at Drexel University s Data Fusion Laboratory Prof. Moshe Kam</p>	
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Activities in the near future:

Upcoming *major* events:

Date	Event Title	Speaker(s)
15 September 2010 12:00PM	Ontology: the why and how explained	Barry Smith
25 September 2010 05:30PM	IEEE/IET Electronic Library Consortium Meeting - Southern and Eastern Africa	Judy Brady
17 November 2010 02:00PM	IEEE SMCS South African Chapter Presentation	
17 November 2010 03:00PM	IEEE SMCS South African Chapter Meeting	
22 November 2010 08:00AM	Twenty-first Symposium of the Pattern Recognition Association of South Africa (PRASA).	

Other events: as listed at www.ieee.org.za

Best practices:

1. Invitation of high level IEEE staff and volunteers, examples: Matt Loeb, IEEE Executive for Corporate Strategy, Al Rotz, PES President, Moshe Kam, IEEE President Elect, etc.
2. Co-working with neighbouring sections
3. Media releases: both in IEEE Region 8 and in local publications (www.eepublishers.co.za)
4. Extensive use of Joomla based website: www.ieee.org.za
5. Chapter-by-chapter engagement and development
Decentralized approach (empowerment of chapters, affinity groups, etc)
6. Development of student branch technical chapters
7. Using doodle (www.doodle.com) and IEEE volunteer tools (<http://meetings.vtools.ieee.org>) to administer our activities; easing the administrative load of our committee members. Use of a combination of tools, including Facebook for marketing out events.
8. Ensuring IEEE activities count towards continuing professional development (CPD) credits, as required by the Engineering Council of South Africa (ECSA). See: www.ieee.org.za/cpd
9. eLearning portal developed – recognized towards CPD, ECSA.

Topics to be discussed in Prague:

Registration of Section – Not for profit entity (pending)

Compiled by:

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