

IEEE South Africa Section Report March 2012

2. Future activities

- **New Geographic Units (Chapters, Affinity Groups, Student Branches, Student Branch Chapters)**
 - In correspondence with Elya Joffe to organize a *Product Safety and Compliance Workshop* and to start a *Product Safety Engineering Society Chapter*.

3. Best practices

- Get members involved and keep them involved.
- Make sure each OU have sufficient leadership to organize events and keep OUs going.

5. Miscellaneous

- **Awards and other signs of recognition**
 - Marlize Naude of the WITS Student Branch earned **Best recruiter** in the Europe, Middle East and Africa Region for her exceptional recruiting efforts in the IEEE Member-Get-a-Member (MGM) program during 2011.
 - David Oyedoku was selected as a recipient of the 2011 MGA GOLD Achievement Award
 - Excellent Sithole received the Section Professional Development Award.
 - Donovan Duffield received the IEEE Educational Activities Board Pre-University Education Award
 - Rod Harker received IEEE Educational Activities Board Meritorious Achievement Award in Accreditation Activities
- **Distinguished Lecturers programs**
 - Prof. Okyay Kaynak, UNESCO Chair on Mechatronics, “Mechatronics in the 21st Century”, University of Cape Town.
 - Prof. Okyay Kaynak, UNESCO Chair on Mechatronics, “Intelligent Systems: An Assessment of the Past and the Prospects for the Future”, Cape Peninsula University of Technology, Stellenbosch University and University of Pretoria.
 - Prof. Okyay Kaynak, UNESCO Chair on Mechatronics, “Sliding Mode Control and Applications”, Stellenbosch University.
 - Dr Barry Perlman, LFIEEE, “Communications-Electronics and Enabling Mixed Signal Technologies”, University of Pretoria.
 - Dr Barry Perlman, LFIEEE, “Relationship between Enterprise and Systems Engineering”, The Meraka Institute, CSIR, Pretoria.
 - Prof Maher Boulos (Sherbrook University, Canada), Prof Joachim Heberlein (Minnesota University, USA) and Prof Pierre Fauchais (University of Limoges, France), Short-course: “Thermal Plasma Processes, Fundamentals and Applications”, University of Pretoria.
 - Prof Graham Kendall, “Scheduling English Football Fixtures: Computing Approximate and Exact Solutions”, University of Pretoria.
 - Prof. Dr.-Ing. Arne F Jacob, FIEEE, “Integrated Millimeter-Wave (Sub-) Systems for Future Satellite Communications”, Denel Dynamics – Centurion.
- **New Geographic Units (Chapters, Affinity Groups, Student Branches, Student Branch Chapters)**
 - Student branch at University of Stellenbosch
- **Promoting IEEE in your local community**
 - The University of Cape Town Student Branch installed a 300 liter high-pressure solar power water geyser system and a 3 kW PV power system at Emasithandane Children's Home in Nyanga, as part of their EPICS-HIGH project for 2011.