



ETHICS IN THE 4IR



President's Podium

With the annual IITPSA President's Awards coming up, I had pause to reflect on the theme of this event - Generation NE>T - and what it means for us in practice. These are exciting times indeed, with the arrival of Gen Zs in the workplace, and the Fourth Industrial Revolution making its impact felt.

While South Africa considers the infrastructure and strategies needed to thrive in a 4IR world, elsewhere around the globe people are hotly debating the ethics of the 4IR – looking at issues such as the moral obligations of those developing AI and balancing the right to privacy with an IoT-enabled environment in which every move can be tracked.

But there are more basic ethical considerations in the emerging 4IR. For us in Africa, an ethical approach to the 4IR has to include ensuring every citizen has equal access to the connectivity, devices and 4IR tools that empower and uplift.

Our 4IR strategy has to upskill people who are at risk of losing their jobs to new technologies. We have to ensure that every child is equipped with the skills they need to compete in a 4IR world.

For South Africa's ICT sector, what comes NE>T will be both challenging and exciting. As long as we enter this new era with ethical practices top of mind, we could pave the way for unprecedented opportunities for our people.

Many South Africans are already innovating using 4IR technologies, and many are using technology to uplift society. We will celebrate some of them at the President's Awards, where we also hope to meet representatives of the NE>T generation of ICT change makers.

We look forward to seeing you all there.

Thabo Mashegoane



CEO's Communiqué

This year's IITPSA President's Awards celebration will also welcome the next generation of ICT professionals into the world of work, and will seek to empower them by introducing them to established industry professionals.

As we prepared for the President's Awards, we also took advantage of the knowledge-sharing opportunity presented by this event.

We asked the industry leaders among our finalists for their views on the challenges and opportunities they expected to see emerging in the 4IR. Their insights were enlightening, and we invite you to read more about their views below.

For those members who cannot attend the President's Awards, please follow our social media pages for the announcement of the winners and coverage of the event @IITPSA.

Best regards

Tony



IFIP Update

SA attends IFIP TC13 INTERACT 2019

The International Federation for Information Processing (IFIP), of which IITPSA is the South African country member, recently staged IFIP TC13's biennial flagship INTERACT 2019 Conference, the 17th IFIP TC13 International Conference on Human-Computer Interaction, in Paphos, Cyprus.

South Africa had three representatives at the Conference: the two South African representatives on IFIP TC13, Prof Janet Wesson (Director of the School of Computing Science, Mathematics, Physics and Statistics, Nelson Mandela University) and Prof Paula Kotzé (Extraordinary Professor, University of Pretoria), as well as Dr Sue Petratos (Director of the School of Information and Communication Technology, Nelson Mandela University).



Prof Paula Kotzé delivering her keynote address at INTERACT 2019



Prof Janet Wesson at INTERACT 2019

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In The News



2019 President's Awards to celebrate Generation NE>T

The highlight of our calendar, the 2019 IITPSA President's Awards, will be held in Johannesburg on 27 November, celebrating the most outstanding ICT professionals in the country. This year's event celebrates the next generation of ICT professionals and the emerging 4IR technologies set to change the future of our sector.

[Click Here to See This Year's Finalists](#)

[Click Here to Book Your Seat](#)



Fear, resistance and skills shortages threaten 4IR progress in SA

The Fourth Industrial Revolution presents a wealth of opportunities for South Africa, but factors such as a lack of high end skills and widespread fear of job losses could hamper 4IR progress. This is according to leading ICT stakeholders and finalists in the IITPSA President's Awards 2019.

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New skills needed in the 4IR

ICT professionals will have to cultivate ethics, professionalism and a range of new skills to thrive in future, says IITPSA's Moira de Roche.

Education and professional development will need to focus on new areas such as creativity and entrepreneurship, according to Moira de Roche, non-executive director of the IITPSA and IFIP IP3 Chair.

Speaking at the Computer Society Botswana's Annual Symposium in Gaborone on "The Future ICT Professional: What makes a professional? What skills do you need for the future?" de Roche said professionalism in the industry was as important as professionalism in other key sectors, such as medicine, law, accounting and engineering.

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ANNOUNCEMENTS / REMINDERS

Please note that the IITPSA National Office will be closed from 08h00 until approximately 12h30 on Wednesday 27 November, due to the hosting of the annual IITPSA President's Awards Breakfast. We apologise for any inconvenience that this may cause.



UPCOMING EVENTS AND ACTIVITIES



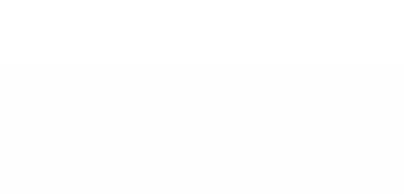
26 NOVEMBER GET 10% OFF NEDBANK AND EE PUBLISHERS' INFRASTRUCTURE SEMINAR

IITPSA members in good standing qualify for 10% off the R150 delegate fee for the last in the 2019 series of Nedbank and EE Publishers seminars on important infrastructure issues facing the energy and ICT sectors in South Africa. The seminar, on 26 November at the Nedbank Main Auditorium, 135 Rivonia Road, Sandton, Johannesburg, is entitled Establishing effective ICT infrastructure.

[Read More and Book Your Place](#)



MEMBER BENEFITS



Anti-Virus Products

AVG is a leading developer of Security Software with over 120 million home and business users around the world.

IITPSA is pleased to advise that we are again being sponsored by AVG South Africa, with the computers at the IITPSA National Office being protected by the AVG Internet Security Suite (Business Edition).

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IT Web Brainstorm is available free of charge to Fellows (FIITPSA) and paid-up Professional Members (PMIITPSA) of the Institute.

To subscribe, please contact the IITPSA National Office.

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Career Opportunities

ITPSA has partnered with CareerJunction, SA's #1 Quality Candidate provider, to offer a job search/advertising service on its site. Go to www.iltpsa.org.za and click on 'Careers' in the 'Activities' menu to see it in action, or simply click on the link below.

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Online Backup and Storage

MyData Backup storage (online backup of your data to a secure storage vault) – see www.mydata.co.za – 50% discount on the 100Gb account online, 10% discount on all Virtual / Cloud or Server Co-location or Website servers stored in CipherVault for any represented business or member.

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PI Insurance

Professional Indemnity Insurance (PI) at a special rate for IITPSA Members. In the interests of providing added value to Members, the IITPSA has negotiated a special PI Insurance Scheme for Members that provides very competitive premiums, wide coverage and also affords Legal Advice when required to protect your interests.

PIFRS is a juristic representative and division of firstEquity Risk Management Services (Pty) Ltd, an Authorised Financial Services Provider.

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