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OLD-SCHOOL ETHICS IN THE 4TH INDUSTRIAL REVOLUTION



### President's Podium

Those of us who have worked in the IT sector for many years have been witness to – and part of – exhilarating change. Technologies and models we could once only dream of have quickly become the new normal, and there's even more change ahead. We are in the midst of the 4th Industrial Revolution, where everything is interconnected and smart, and where the solutions we all knew were possible are coming into their own to improve business and daily life.

While IT professionals thrive on this change and innovation, there are some aspects of our work which I believe should not change. Our approach to planning, modelling and testing, for example, should remain rooted in the old-style diligence that made the IT sector great.

And crucially, our approach to ethics has to remain 'old school' amid the wave of innovation going on. Old school ethics demand transparency, consideration of the impact our work will have on businesses and society, and a commitment to professionalism above all else. Now that IT runs literally everything, we have to trust that the code and systems have been built honestly and professionally, to deliver what is expected of them.

As we enter the next generation of computing, we have to reflect on the meaning of ethics, and become more accountable for the work that we do. Because now, the world literally depends on it.

Ciao  
Ulandi



### CEO's Communiqué

The past month has seen several references and allegations around potentially unethical behaviour on the part of ICT systems solutions providers and administrators. It is unfortunate that the actions of a few can potentially tarnish the image of the many professionals who work tirelessly, professionally and ethically across the country. Worse, unethical or unprofessional conduct can negatively impact individuals, businesses and entire economies, and could cost people their lives.

As the voice of the ICT sector and the champion of ICT professionalism in South Africa, IITPSA has issued statements on these matters. We continue striving to bring home the importance of ethical conduct among our members and the broader ICT sector.

Underscoring the professionalism and credibility of our members, IITPSA's Privyseal digital badging is free to all members in good standing and easy to add to your email signature, so please remember to get yours.

The Institute has been given the opportunity to provide input on which ICT skills are seen as critical going forward, noting that the latest proposal sees a list that has been drastically reduced for Critical Skills Visa purposes. If you have any comment or input on critical ICT skills, please send it to [ceo@iitpsa.org.za](mailto:ceo@iitpsa.org.za) by no later than 26 April 2019.

Best regards  
Tony



### In The News



#### IFIP IP3 calls for professional standards in the wake of Boeing disasters

The global professional body for the technology sector has called for defined minimum professional standards for ICT practitioners working on computer systems where human life might be at risk. This follows reports that Boeing has developed a software patch to address the glitch in the 737 MAX 8 planes that caused two major airline crashes in the past 12 months and killed nearly 350 people.

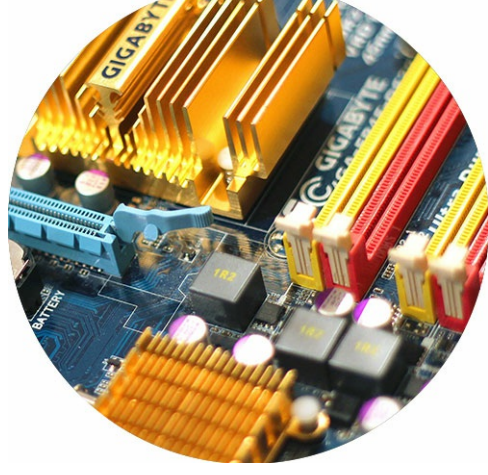
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#### IT professionalism and ethics more crucial now than ever before

ICT mismanagement or failure can cause chaos impacting economies, businesses and daily life, IITPSA has warned. IITPSA CEO Tony Parry says: "Whether it is manipulating tenders, falsifying diesel emissions, changing flight control processes or failing to monitor routine maintenance in power generation, failure to follow the standards of ethical behaviour can negatively impact the lives of thousands, if not millions, of people."

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#### Key IT infrastructure downtime 'not acceptable'

Recent IT systems problems in the Home Affairs Department and Department of Labour's UIF uFiling site are not acceptable, says IITPSA non-executive director and IP3 Chair, Moira de Roche. "Systems should not go live until they have been rigorously tested, and staff must have the skills needed to manage these systems. Government needs to ensure that that employees have the right skills and levels of professionalism to be competent enough to provide systems that have been thoroughly tested, and proven to work," she says.

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### ANNOUNCEMENTS / REMINDERS



#### IITPSA announces supporting partnership on ICT Infrastructure 2019

IITPSA has announced a supporting partnership with EE Publishers on the ICT Infrastructure 2019 Conference and Expo. The event, to be presented by EE Publishers and Infracom, will be staged at Emperors Palace, Ekurhuleni, on 28 and 29 August, with the theme, 'ICT infrastructure to fuel the growth of South Africa's economy.'

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#### REMINDER: book your discounted ticket for ITWeb Security Summit

IITPSA has aligned with the 14th annual ITWeb Security Summit, to be staged at the Southern Sun Cape Sun on 23 May and the Sandton Convention Centre, Johannesburg, from 28-29 May. IITPSA's endorsement of the ITWeb Security Summit allows IITPSA members to benefit from a 20% discount on the delegate price. Book your space by contacting Lerato at [lerato@itweb.co.za](mailto:lerato@itweb.co.za). Submit your membership number and current membership card copy or your Privyseal to secure your membership discount.

[For conference rates, click here](#)



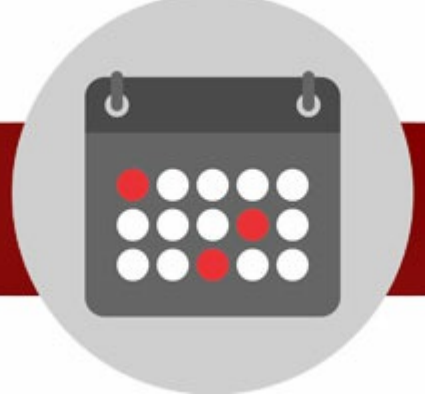
#### REMINDER: nominations for IFIP Fellowships

Three IFIP Fellowship awards are currently open for nominations before June 15th. Up to 48 Fellow awards may be made in 2019. The nomination process for Fellows is considerably more complex and time-consuming than for other awards so starting early is strongly recommended. Please note that the nominator must find five other people to act as referees. These must all be current Working Group, Technical Committee or General Assembly members.

#### The three awards now open are:

1. **The IFIP Fellow Award** - presented every year, IFIP's most prestigious technical distinction. Conferred on a current or past member of an IFIP body in recognition of outstanding contributions in the field of Information Processing as a Technical Leader, Scientist, Engineer or Educator.
2. **The Silver Core**
3. **The Service Award**

Full details of eligibility, criteria and all necessary forms for all awards are available on the website via the secure area. Email addresses of all GA members can be found on the website at [ifip.org](http://ifip.org). Click on 'Structure of IFIP' and then 'IFIP General Assembly'.



### UPCOMING EVENTS AND ACTIVITIES





25 APRIL  
**KZN Chapter AGM – 25 April 17, 2019**

The 2018 / 2019 Annual General Meeting of members of the KwaZulu-Natal Chapter of IITPSA will be held in the ICONIS Boardroom, Suite 802, 8th Floor, Strauss Daly Place, 41 Richefond Circle, Umhlanga Ridge, 4320 at 17:45 For 18:00 on Thursday 25 April 2019

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15 MAY  
**Technology, Game-Thinking, and Playful Experiences – an Innovation  
Special Interest Group event - Midrand**

Games are a tool to foster team transformation and progress – we explain how games and technology can drive team adaption to the Agile / Fluid workplace. Gamestorming enables good problem definition and fosters creativity in and amongst teams. Participants will have the opportunity to engage in a Gamestorming experience which demonstrates this in practice – and it's a lot of fun. Wednesday evening 15 May 2019 17h30 to 19h30 at the Constantia Hotel and Conference Centre, 546 16th Road, Constantia Park, Halfway House, Midrand.

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Secure your seat at this free-to attend event for members

