



EMC+SIPI
NEW ORLEANS, LOUISIANA

2019
JULY 22-26

**2019 IEEE INTERNATIONAL SYMPOSIUM ON
ELECTROMAGNETIC COMPATIBILITY, SIGNAL & POWER INTEGRITY**

South Africa – Joint AP/MTT/EMC Chapter



IEEE South Africa AP / MTT / EMC Joint Chapter



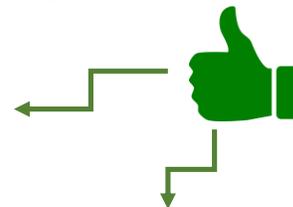
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South Africa – Joint AP/MTT/EMC Chapter 2018 Feedback

- **DL Visits** – 6 talks – Kris Hatashita and Richard Gao – talks at UCT, SU, UP and Chapter Conference during August / September 2018
- **Biennial Chapter Conference** – August 2018 – SU – www.ee.sun.ac.za/saieee2018
 - 114 attendees, 24 invited talks and 2 keynote international talks, Kris one of them, **open student poster session**
- 2018 GEMCCON – November 2018 – SU – www.gemccon2018.emcss.org
 - 48 attendees, 15 peer-reviewed talks, 5 invited talks (3 local, 2 international), 2 workshops, 1 tutorial talk, **open student poster session**
- 3 **Public Lectures** – Keith Armstrong November 2018 – Low cost EMC Techniques, at SU, SARA0 and Reutech Radar Systems
- 9 RFI Workgroup Meetings – SARA0 – (almost) monthly discussions on SKA Telescope RFI and EMC matters and research



Leadership 2017 / 2018	Name	Institution	E-mail
Chair + Vice-Chair AP	Prof Dirk de Villiers	Stellenbosch University	ddv@sun.ac.za
Vice-chair EMC	Dr. Gideon Wiid	Stellenbosch University	wiidg@sun.ac.za
Vice-chair MTT	Prof Riana Geschke	University of Cape Town	
Past Chair + Treasurer	Dr. Tinus Stander	University of Pretoria	tinus.stander@ieee.org



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South Africa – Joint AP/MTT/EMC Chapter 2019 Feedback

- **Done:** 4 RFI Workgroup Meetings – SARAO – (almost) monthly discussions on SKA Telescope RFI and EMC matters and research
- **Planned** DL Visits – Informal invitations to happen during conference – Intend to invite Prof Marcos Rubinstein and Zhong Chen
- **Planning** for following biennial chapter conference has started – organizing team assigned and date chosen 13-14 August 2020
- **Starting** outreach to other African Chapters to bring to biennial conference – **Nigeria** and **Algeria**, but also Namibia, Botswana, Kenya
- **Try to** get involved with IEEE Africa Council, currently forming and supported by:
 - Algeria, Botswana, Burkina Faso, Ghana, Kenya, Mauritius, Morocco, Nigeria, South Africa, Sudan, Tunisia, Uganda, and Zambia

Leadership 2019 / 2020	Name	Institution	E-mail
Chair + Vice-Chair EMC	Dr. Gideon Wiid	Stellenbosch University	wiidg@sun.ac.za
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South Africa – Joint AP/MTT/EMC Chapter 2020 Future Plans

- Biennial chapter conference to be held 13-14 August 2020 at STIAS Conference Centre in Stellenbosch
- DL Visits – Plan to have at least one coincide with chapter conference
- Hopefully have other African Chapters represented at biennial conference :
 - EMC from Nigeria, Algeria, other from Namibia, Botswana, Kenya
- Hopefully more IEEE Africa Council involvement, especially to promote EMC Education in Africa:
 - Algeria, Botswana, Burkina Faso, Ghana, Kenya, Mauritius, Morocco, Nigeria, South Africa, Sudan, Tunisia, Uganda, and Zambia
- Continue RFI Workgroup Meetings for SRAO and SKA South Africa



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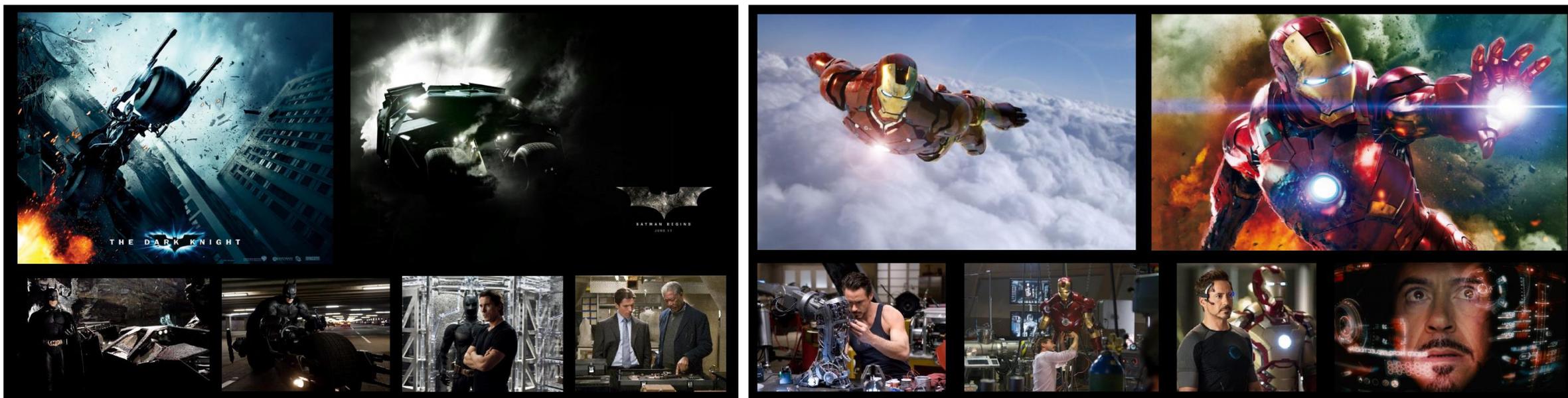


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South Africa – Joint AP/MTT/EMC Chapter Favorite Superhero



1st – BATMAN, 2nd IRONMAN – Cool toys, cool tech, Batman’s EMP gun!

Tony Starke “tinkers” – something any good engineer should do!

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