

## CALL FOR PAPERS



The **IEEE Radio and Antenna Days of the Indian Ocean (RADIO)** will be held in **Cape Town** from **25<sup>th</sup> to 28<sup>th</sup> September 2017**. IEEE RADIO 2017 is the fifth edition of a series of conferences organized in the Indian Ocean region. The aim of the conference is to discuss recent developments, theories and practical applications covering the whole scope of radio frequency engineering, including radio waves, antennas, propagation and electromagnetic compatibility.

Prospective authors are invited to submit original contributions on their latest research activities. Student papers are strongly encouraged. Prizes will be awarded for Best Student Papers. Proposals for special sessions, workshops and tutorials are welcome. A panel of distinguished researchers will deliver keynote speeches/invited talks on recent technology trends and advances.

### Topics of the conference

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|-------------------------------------|---|
| 1. Antenna theory                   | 12. Radio astronomy   |
| 2. Wave propagation and scattering  | 13. Remote sensing  |
| 3. Electromagnetic compatibility    | 14. High-power devices and techniques                             |
| 4. Analytical and numerical methods | 15. Instrumentation and measurement techniques                    |
| 5. Smart antennas and arrays        | 16. Medical and industrial applications of electromagnetic fields |
| 6. RF components and systems        | 17. Modeling, simulation, computer aided design                   |
| 7. Wireless communication systems   | 18. Electronic packaging and integration                          |
| 8. Biological effects               | 19. Metamaterials and other novel materials                       |
| 9. Wireless power transfer          | 20. Any other relevant topic                                      |
| 10. Devices and circuits            |   |
| 11. Nanotechnology                  |   |

### SKA Workshop

IEEE RADIO 2017 will feature a workshop on **SKA Africa Human Capacity Building** to look at the challenges, innovative engineering and future requirements for SKA.

### Language and Venue

The **working language** will be **English**.

The conference will be held in **Cape Town**, South Africa.



### Important information

Submission of 2-pages paper: **15<sup>th</sup> May 2017**

Proposals for tutorials, special sessions, workshops: **30<sup>th</sup> May 2017**

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