**9TH CIGRE Southern Africa**

**Regional Conference**

**1st – 4th October 2019,**

**Johannesburg, South Africa.**

**Type here the title of the paper (Arial Bold, size 14)**

**Type here the number(s) of the preferential subject(s) addressed (see list below)**

**(Arial Bold, size 12)**

**Type here the authors’ names, affiliations, country and email address of main author**

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**SYNOPSIS (Arial size 12, BOLD, Capitals)**

Please include synopsis here in no more than 500 words.

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| **Please submit your abstract in ENGLISH by following instructions on:** |
| **http://www.cigresa.org.za/event/** |
| **Deadline: 31/01/2019** |
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| **Preferential Subjects** |
| Papers related to the application of distributed energy resources and microgrids across all study committees are invited. Preference will be given to submissions in the fields of technology, planning, operations and markets as well as actual project and operational experience with focus on the following subjects: |
| 1. Integration on DER within Transmission and Distribution networks |
| 1. Energy storage technologies |
| 1. Regional interconnections solutions |
| 1. Electricity infrastructure resilience |
| 1. Impact of distributed generation on existing equipment performance |
| 1. Impact of distributed generation on power system protection schemes |
| 1. Improvements in electricity access in Africa and developing countries |
| 1. Environmental impact of the deployment of DER and microgrids |
| 1. Cybersecurity |
| 1. Telecommunications |