



# Sierra Leone Institution of Engineers

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The President  
Ghana Institution of Engineers  
Ghana

Dear Sir,

**INVITATION TO PRESENT A PAPER AT THE BIENNIAL CONFERENCE OF THE  
SIERRA LEONE INSTITUTION OF ENGINEERS (SLIE) - 27<sup>TH</sup> JUNE - 29<sup>TH</sup> JUNE 2018**

The Sierra Leone Institution of Engineers (SLIE) will be hosting its Biennial Conference in Freetown from the 27<sup>th</sup> June – 29<sup>th</sup> June 2018. The Theme for the Conference is: **The Role of Information and Communication Technology in Sustainable National Development**

**Possible Sub-themes**

- Automating Engineering processes
- E-Engineering or crowd-sourcing: Can it work for Africa?
- Cryptocurrency: What it means for Engineering contracts
- Cyber Security
- Benchmarking Sierra Leone's ICT Policy
- ICT Industry Regulation
- Geographic Information Systems: How it can help African countries in Technical works and disasters
- The Open Ecosystem (Open Education, Open Access, Open data, Open Government, Open Source Software, etc): A friend or foe to academic scholarship?
- E-Learning: Using modern techniques for Engineering Education
- Future of Telecommunications in Africa

E-Engineering or crowd sourcing above refers to the ability to run projects from multiple locations using the internet. The term e-engineers can refer to software developers, computer engineers, etc.

**Concept Note on the Theme of the Conference**

The rationale or raison d'être of this biennial conference's theme is to provide a forum for the engineering profession in Africa to take a hard look at how innovation and ICT can position the continent and its engineering solutions and improve its place in the global industry. Information and Communication Technology has these key drivers, future network technology, such as 5G, Internet of Things, Networks of Sensors and Cloud Computing, such as Software as a Service and Big Data Processing and Analytics.

The conference will offer a platform and an opportunity to exchange ideas and learn lessons from researchers, practitioners, and academia within and outside Africa on the role ICT can play in national development.

**Questions to be addressed include though not limited to the following:**

- > How can Africa position itself on the global industry in automation of engineering processes, ease of communication, e-learning and active learning techniques to improve education even in rural settings?

