First CISDIDC 2017 Seminar
The Role of Computational Intelligence in Developing Countries

for collaborative intelligent research in developing countries

This seminar will explore how computational intelligence can be applied to address challenges faced by developing nations. Computational intelligence (CI) can be viewed as a field that can be integrated across disciplines so as to develop and apply computer systems that can exhibit human-like intelligence in solving varieties of problems. This seminar will assemble technologists, social scientists, engineers, policy makers, industrialists and other stakeholders, to explore the state-of-art for CI applications in developing countries and to identify avenues for future research. We invite scholars to contribute problem-based articles or presentation that will seek the continuing efforts to understand how CI techniques could lead to future improvements of the wellbeing of people living in developing countries.

TOPICS

We invite papers and presentations that discusses applications, proposals or solutions in the following areas: *food & agricultural pricing, accountability & transparency, security & terrorism, eLearning & educational technology, elections & electioneering, job & wealth creation, population & financial management, postal service management, wildlife preservation, environment, socio-cultural learning, crime control, corruption, legal & justice systems, alternative and renewable energy, disaster management, etc.,* that are faced by developing countries.

Papers and presentations should be guided by any of the following questions:

How can local CI experts, social scientists and policy makers work with international agencies to support development?

What research methodologies are relevant to applying CI techniques to solving problems in developing countries?

How can CI be used to create applications that support and improve people's day to day lives in developing countries?

How can big and open data technologies help to solve problems that requires attention in developing countries?

KEYNOTE SPEAKER

Dr John Quinn; AI & Data Scientist, UN Global Pulse Lab, Makerere University, Uganda

GUEST SPEAKER

Dr Kassim Mwitondi, Statistics & Data Mining, Sheffield Hallam University

CO-ORGANISERS

Prof Andy Dearden, Cultural, Communication & Computing Research Institute, Sheffield Hallam University

- **Ken Ehimwenma**, PhD Student SHU
- **Aramide Gbolahan**, PhD Student SHU
- **Raj Ramanchandran,** PhD Student SHU
- **Maruf Raheem,** PhD Student SHU
- **Ashik Ali,** PhD Student SHU

Host: *Sheffield Hallam University, Sheffield United Kingdom*

Venue: Sheffield Hallam University, City Campus, Aspect Court, Room 15104, Pond Hill, Sheffield S1 2BG

Time: 9 - 5pm

In collaboration with: CISDIDC (A network of PhD students across-disciplines)

SUBMISSION

*For presentation of papers at the seminar, please kindly email a 2 page paper (**Word or PDF**) to*

cisdidc@gmail.com

NB: Remote presentation is welcomed

IMPORTANT DATES

Submission of paper/presentation: 23rd December 2016
Notification of Acceptance: 15th January 2017
Conference Dates: **Friday, 17th** February 2017
REGISTRATION IS FREE!