**Call for Papers on ICCMIT2019**

**Applications of Neutrosophic Set and Logic in Communication, Management and Information Technology**

**Organized by:**

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**Objectives and Motivation**

Neutrosophic set is a generalization of fuzzy set and of intuitionistic fuzzy set. The key distinction between the neutrosophic set and other types of sets is the introduction of the degree of indeterminacy / neutrality (I) as independent component in the neutrosophic set.

In the neutrosophic set, the degree of membership-truth (T), the degree of indeterminacy (I), and the degree of non-membership-falsehood (F) are independent, therefore their sum (as single valued numbers) can be up to 3.

Neutrosophic set has been used in solving problems that involve indeterminacy, uncertainty, impreciseness, vagueness, inconsistent, incompleteness etc.

In the past years the field of neutrosophic set, logic, measure, probability and statistics, precalculus and calculus etc. have been extended and applied in various fields.

For more information, see the University of New Mexico’s website on neutrosophics: <http://fs.gallup.unm.edu/neutrosophy.htm>.

The aim of this special session is to publish selected research articles presenting neutrosophic logic based techniques in the related issues. We invite researchers from academia and industry to submit their high-quality works and research findings in this area.

**Scope and Interests(not limited to)**

* Neutrosophic logic
* Neutrosophic symbolic logic
* Neutrosophic deep learning
* Neutrosophic transportation problems
* Neutrosophic graph theory
* Neutrosophic set
* Hybrid neutrosophic sets (rough neutrosophic sets, neutrosophic soft sets…)
* Neutrosophic algebra
* Neutrosophic topology
* Neutrosophi c numbers
* Neutrosophic multisets
* Neutrosophic probability
* Neutrosophic statistics
* Neutrosophic measure
* Neutrosophic linguistic theory
* Artificial intelligence
* Neutrosophic image processing
* Neutrosophic information processing
* Neutrosophic decision making
* Neutrosophic big data mining
* Neutrosophic decision support systems
* Neutrosophic computational modelling
* Neutrosophic medical diagnosis
* Neutrosophic fault diagnosis
* Neutrosophic Systems

**Paper Submission**

We invite authors to submit original and high quality articles on the abovementioned topics(which are not limited to) at under mentioned email ids to **Dr.Said Broumi** (session chair) **broumisaid78@gmail.com** and Prof**. Florentin Smarandache** (Founder of Neutrosophic Set and Logic) **fsmarandache@gmail.com**

All instructions and templates for submission can be found in the ICCMIT2019 website:

http://www.iccmit.net/. The accepted papers will be published in ISI/SCOPUS journals. Also, the best articles will be invited to be published as extended article/ book chapter in IGI Book.

The submitted papers should be maximum 10 pages

**Important Dates**

Paper abstract submission: February 10, 2019

Notification of acceptance: February 20, 2019

Final paper submission and author’s camera ready:March03, 2019

Conference Dates: March, 2019

