



# International

Innovation in Knowledge Based and Intelligent  
Engineering Systems



## INVITED SESSION SUMMARY

**Title of Session:**

**Information Technology Applications in Data Analytics and Software Development**

**Name, Title and Affiliation of Chair:**

Gongzhu Hu, Professor, Central Michigan University, USA

Narayan Debnath, Professor, Director, International Society for Computers and their Applications, USA

**Details of Session (including aim and scope):**

Advances in information technology have dramatically changed the way we communicate with each other and with the environment we live in. It is a critical task for professionals in the information technology community to provide various computational platforms to support applications that will benefit people and businesses in every corner of our society. Data analytics and software development, among others, are the core areas in information technology for most applications.

The special session entitled *Information Technology Applications in Data Analytics and Software Development* is focused on theory, methodology, and technique for data analytics and software development process. This special session provides a forum at KES 2018 for researchers and practitioners around the world to present and discuss their ideas and approaches to address and solve problems in these areas. The topics will include, but are not limited to, the following areas:

Big Data Analytics	Human-Computer Interface
Bioinformatics	Information Systems/Databases
Cloud Computing	Information Technology Applications
Computer Networks	Internet and Web-based Systems
Computer Systems in Healthcare	Knowledge-based Systems
Cyber Security	Neural Networks
Data Analytics Methods and Applications	Scientific Computing
Data Mining and Knowledge Discovery	Software Engineering
Distributed Systems	Visualization

**Important Dates:**

Full Paper Submission:	March 15, 2018
Notification of Acceptance	April 15, 2018
Final Paper Due	May 15, 2018
Registration	See conference website
Conference Dates	September 3-5, 2018

**Main Contributing Researchers / Research Centres (tentative, if known at this stage):****Website URL of Call for Papers (if any):****Email & Contact Details:**

hu1g@cmich.edu

ndebnathc@gmail.com