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

Important Dates:

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<tr>
<td>Full Paper Submission</td>
<td>March 15, 2018</td>
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<td>Notification of Acceptance</td>
<td>April 15, 2018</td>
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<td>Final Paper Due</td>
<td>May 15, 2018</td>
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<td>Registration</td>
<td>See conference website</td>
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<td>Conference Dates</td>
<td>September 3-5, 2018</td>
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Main Contributing Researchers / Research Centres (tentative, if known at this stage):

Website URL of Call for Papers (if any):

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