

The Fourth Industrial Engineering and Management Conference IEM4-2018, 7th-8th December 2018

Faculty of Engineering, The University of the West Indies, St Augustine Campus,
Trinidad and Tobago, West Indies

CALL FOR PAPERS

Conference Theme on:

“Striving for business/engineering performance excellence with quality management and IEM practices”

In today's dynamic world, a comprehensive and fundamental rule or belief for leading and operating an organisation is thriving for continuous performance improvement over the long term and focusing on customers while addressing the needs of all stakeholders. The bottom line of continuous performance improvement is results-oriented: increased productivity, efficiency, customer satisfaction, and performance. Such rule, belief and the bottom line constitute the cores of Industrial Engineering and Management (IEM) that can bring strengths and opportunities to business/engineering organisations of diverse nature.

The conference provides a forum for academics, researchers and practitioners to exchange ideas and to facilitate a region-wide awareness of IEM competence and the use of various IEM concepts, models and tools that support companies and organisations to become more successful in the emerging CARICOM context. IEM4-2018 invites papers for presentation, and suggested topics of interests fall into two groups of 1) **Traditional Industrial Engineering areas** and 2) with **Quality Management (QM) focus**. These include but are not limited to:

- Applications of Total Quality Tools and Techniques
- Challenges of Quality Management Practices in Developing Countries
- Continuous Improvement, Re-engineering and Benchmarking
- Employee Empowerment and Team Building
- Ethics for the Quality Managers and Practitioners
- Hoshin Planning and Quality Function Deployment
- Integrating Quality Management with Knowledge Management
- International Standards and Quality Management Practices
- Managing Quality in SMEs vs Large Organisations
- Quality Management Decision Making and Creativity
- Quality Culture and Leadership
- Quality Management Projects Involving Industry Interaction/Collaboration
- Quality Management Systems and Approaches
- Risk Management and Quality
- Six Sigma Quality, Taguchi and Lean
- Statistical Process Control
- Team Dynamic, Conflicts and Communication
- Value Analysis, Engineering and Management

Abstract/Paper Submissions and Schedule

Abstracts and papers of originality and relevance to the theme are invited. Extended abstracts (not more than 300 words) and full papers in English should be sent via e-mail <KitFai.Pun@sta.uwi.edu> (Attn: Prof. K.F. Pun). Each submission will be reviewed for technical merit and content. Papers accepted for presentation will appear in the Conference Proceedings provided at least one author registers for the conference. Proposals for special sessions, tutorials or workshops are also welcome. Maximum length for each accepted paper in the Proceedings is of 8 single-spaced pages. A selection of good papers would be recommended for a fast track publication subject to review in *The West Indian Journal of Engineering* (ISSN 0511-5728) and *The Journal of Professional Engineers of Trinidad and Tobago* (ISSN 1000 7924).

Important Dates:

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| • Submission of Abstract | 1st May 2018 |
| • Notification/Acceptance of Abstracts: | June/July 2018 |
| • Submission of Full Papers: | August/September 2018 |
| • Final Decision/Notification: | October/November 2018 |
| • Dates of the Conference | 7th-8th December 2018 |

Conference Organiser:

Industrial Engineering Office, Department of Mechanical & Manufacturing Engineering, Faculty of Engineering, The University of West Indies, Trinidad and Tobago, West Indies

Co-organisers and Sponsors:

Society of Caribbean Industrial Engineers (SCIE), American Society for Quality (ASQ)-LMCtt, TEMS and EdS Chapters, IEEE T&T Section, IET Local Network, APETT, BOETT, CCEO and MMERC

For Conference Enquiries and Registration:

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